\$16/20 9:00AM

IN THE UNITED STATES DISTRICT COURT 1 FOR THE NORTHERN DISTRICT OF INDIANA 2 HAMMOND DIVISION 3 UNITED STATES OF AMERICA. Plaintiff, 5 )Civil Action vs. ) No. H-79-556 б ) Third-Party MIDWEST SOLVENT RECOVERY INC.; MIDWEST INDUSTRIAL WASTE DISPOSAL Complaint 7 COMPANY, INC.; INDUSTRIAL TECTONICS, INC.; V & E CORPORATION; ERNEST DE R HART; EDWARD D. CONLEY; HELGA C. CONLEY; LOVIE DE HART; CHARLES A. 9 LICHT; DAVID E. LICHT; DELORES LICHT; EUGENE KLISIAK; JEANETTE KLISIAK; 10 LUTHER G. BLOOMBERG; ROBERT J. DAW-SON, JR.; JOHN MILETICH; MARY 11 MILETICH; PENN CENTRAL CORPORATION; INSILCO CORPORATION; RUST-OLEUM, INC.; 12 ZENITH RADIO CORPORATION; STANDARD T CHEMICAL COMPANY, INC.; AMERICAN CAN 13 COMPANY, INC.; PRE FINISH METALS, INC.;) PREMIER COATINGS, INC.; MOTOROLA, INC.;) 14 and DESOTO, INC.; 15 Defendants. 16 AMERICAN CAN COMPANY, INC., -17 DESOTO, INC., INSILCO CORPORATION, MOTOROLA, INC., PRE FINISH METALS. 18 INC., PREMIER COATINGS, INC., RUST-OLEUM, INC., STANDARD T 19 CHEMICAL COMPANY, INC., ZENITH RADIO CORPORATION, JOHN 20 MILETICH, MARY MILETICH and THE PENN CENTRAL CORPORATION, 21 Third-Party Plaintiffs, 22 vs. 23 ACCUTRONICS, ACTIVE SERVICE CORP., 24 AMERICAN NAMEPLATE & DECORATING CO.,

```
1
       AMERICAN PRINTER & LITHOGRAPHER CO.,
       AMERICAN RIVET COMPANY, APECO.
 2
       APPROVED INDUSTRIAL REMOVAL, INC.,
       ARMOUR PHARMACEUTICAL, ARTISAN HAND
 3
       PRINTS, ASHLAND CHEMICAL CO.,
       AVENUE TOWING COMPANY, BARR &
 4
       MILES, INC., BELDEN ELECTRICAL
       PRODUCTS DIV. OF COOPER INDUSTRIES,
 5
       INC., BRETFORD MANUFACTURING, INC.,
       BUTLER SPECIALTY COMPANY, INC.,
 6
       BY PRODUCTS MANAGEMENT, CALUMET
       CONTAINER, CARGILL, INC.,
 7
       CHEMALLOY DIVISION OF FISHER- CALO
       CHEMICAL CO., CHICAGO ETCHING CORP.,
 8
       CHICAGO NAMEPLATE COMPANY.
       CHICAGO ROTOPRINT CO.,
 9
       C & C INDUSTRIAL MAINTENANCE CORP.,
       CITY OF GARY, INDIANA, C.P. CLARE
10
       DIVISION OF GENERAL INSTRUMENTS
       CORP., C.P. HALL CO.,
11
       C.P. INORGANICS, COMMANDER PACKAGING,
       CONNOR FOREST INDUSTRIES, CONSERVA-
12
       TION CHEMICAL, CONSUMERS PAINT
       FACTORY, INC., CONTINENTAL
13
       WHITE CAP DIVISION OF CONTINENTAL
       CAN COMPANY, CONVERSIONS BY GERRING,
14
       COUNTY OF DU PAGE, ILLINOIS,
       CRONAME, INC., CROWN CORK & SEAL
15
       CO., INC., CULLIGAN INTERNATIONAL
       COMPANY, CULLIGAN WATER CON-
15
       DITIONING, INC., FRANK J. CURRAN,
       CUSTOM METALS PROCESSING.
17
       DAP, INC. OF BEECHAM COSMETICS,
       DAUBERT CHEMICAL COMPANY,
18
       DEUBLIN COMPANY, DOBSON CONSTRUCTION
       INC., DUO FAST CORPORATION, DU-TONE
19
       CORP., HAROLD EGAN, EKCO HOUSEWARE
       CO., EL-PAC, INC., EMBOSOGRAPH DIS-
       PLAY MFG. CO., ESS KAY ENAMELING, INC.,)
20
       ETHICON, INC., FELT PRODUCTS MFG. CO., )
       FLINT INK CORP., FURNAS ELECTRIC
21
       CO., GEARMASTER DIVISION, EMERSON
22
       ELECTRIC, THE GILBERT & BENNETT
       MFG. CO., GLD LIQUID DISPOSAL,
23
       HENRY PRATT COMPANY, J.M. HUBER
       CORPORATION, HYDRITE CHEMICAL CO.,
24
       INTAGLIO CYLINDER SERVICE, INC.,
```

```
JOHNSON & JOHNSON, J & S TIN MILL
 1
       PRODUCTS, KNAACK MFG. CO., LANSING
       SERVICE CORPORATION, LAUTTER
 2
       CHEMICAL, LIQUID DYNAMICS,
 3
       LIQUID WASTE, INCORPORATED,
       STEVE MARTEL, MASONITE CORPO-
 4
       RATION, MCWHARTER CHEMICAL CO.,
       METAL RECLAIMING CORPORATION,
 5
       METROPOLITAN CIRCUITS,
       MIDWEST RECYCLING COMPANY, MONTGOMERY
       TANK LINES, MORTON THIOKOL INC.,
 6
       MR. FRANK, INC., NAMSCO, INC.,
 7
       NATIONAL CAN CORPORATION, NAZ-DAR CO.,
       NUCLEAR DATA, INC., PPG INDUSTRIES,
       INC., PASLODE COMPANY, PIERCE & STEVENS)
 8
       CHEMICAL CORP., PIONEER PAINT PRODUCTS.)
       PREMIER PAINT CO., PYLE-NATIONAL CO.,
 9
       R-LITE, REFLECTOR HARDWARE CORP.,
10
       REGAL TUBE, RELIANCE UNIVERSAL, INC.,
       RICHARDSON GRAPHICS, JOHN ROSCO,
11
       ROZEMA INDUSTRIAL WASTE, ST. CHARLES
       MANUFACTURING, SCHOLLE CORPORATION,
12
       SCRAP HAULERS, SHERWIN WILLIAMS
       COMPANY, SHFLD COATINGS, INC.,
13
       SIZE CONTROL COMPANY, SKIL CORPORA-
       TION, SPECIAL COATINGS CO.,
14
       SOUTHERN CALIFORNIA CHEMICAL,
       SPECIALTY COATINGS, INC.,
       SPOTNAILS, INC., STAR TRUCKING, STERN
15
       ELECTRONICS, INC., JOE STRAUSNICK,
16
       STUART CHEMICAL & PLAINT, INC.,
       SUMMER & MACE, SUN CHEMICAL,
       SYNTECH WASTE TREATMENT CENTER,
17
       T.R.C., TEEPACK, INC., ALFRED TENNY,
       THIELE-ENGDAHL, INC., THOMPSON
18
       CHEMICALS, TIFFT CHEMICALS,
19
       TOUNEY DISPOSAL, TRIPLE S. ETCHANTS,
       UNIROYAL, INC., UNITED RESIN AD-
20
       HESIVES, INC., U.S. ENVELOPE, U.S.
       SCRAP AND DRUM, U.S. STEEL CORP., UNI-
21
       VERSAL RESEARCH LABORATORIES, INC.,
       UNIVERSAL TOOL & STAMPING COMPANY,
22
       VANDER MOULEN DISPOSAL, VELSICOL
       CHEMICAL CORP., VICTOR GASKET
23
       DIVISION OF DANA CORPORATION,
       WARNER ELECTRIC BRAKE & CLUCH CO.,
24
       WARWICK CHEMICAL, WASTE RESEARCH &
```

The continued deposition of RICHARD EDWIN BOICE, called for examination by the Defendants, pursuant to notice and pursuant to the provisions of the Federal Rules of Civil Procedure of the United States District Courts, pertaining to the taking of depositions for the purpose of discovery, taken before Arnold N. Goldstine, a Notary Public and Certified Shorthand Reporter within and for the County of Cook and State of Illinois, at 227 West Monroe Street, on July 6, 1990, commencing at the hour of 9:00 o'clock a.m.

1	ADDE AD ANCEC -
2	APPEARANCES:
3	Mr Alas C Mananhaum and
4	Mr. Alan S. Tenenbaum and Mr. Lenoard M. Gelman
5	Trial Attorney Environmental Enforcement Section
6	Land & Natural Resources Division U.S. Department of Justice
7	P. O. Box 7611  Ben Franklin Station  Weekington D. C. 20044
8	Vashington, D. C. 20044-and-
9	
10	Mr. Michael R. Berman Assistant Regional Counsel Solid Waste & Emergency Response Branch
11	Solid Waste & Emergency Response Branch U.S. Environmental Protection Agency
12	Region V 230 South Dearborn Street Chicago, Illinois 60604
13	-and-
14	
15	Peter W. Moore Assistant Regional Counsel U.S. Environmental Protection Agency
16	Region V
17	Office of Regional Counsel 230 South Dearborn Street
18	Chicago, Illinois 60604
19	appeared on behalf of Plaintiff, United States of America;
20	
21	Mr. Steven M. Taber Ross & Hardies
22	150 North Michigan Avenue Chicago, Illinois 60601-7567
23	appeared on behalf of Ashland
24	Chemical Company;

1	APPEARANCES (CONTINUED):
2	
3	Mar Taranh Madamia
4	Mr. Joseph Madonia Wildman, Harrold, Allen & Dixon
5	225 West Wacker Drive Chicago, Illinois 60606-1229
6	appeared on behalf of
7	Penn Central Corporation;
8	
9	Mr. William G. Dickett Sidley & Austin
10	One First National Plaza Chicago, Illinois 60603
11	appeared on behalf of
12	Pre Finish Metals, Inc.;
13	,
14	Mr. Jeffrey C. Fort Ms. Lisa Anderson
15	Gardner, Carton & Douglas Quaker Tower
16	321 North Clark Street Chicago, Illinois 60610-4795
17	appeared on behalf of
18	Desoto, Inc.;
19	
20	Mr. Janice Hicks Karaganis & White, Ltd.
21	414 North Orleans Street Chicago, Illinois 60610
22	appeared on behalf of
	American Can Company, Inc.;
23	
24	j

1	APPEARANCES (CONTINUED):
2	
3	
4	
5	Mr. Dennis A. Berg Law Offices of James T. J. Keating, P.C.
6	Printers Row 542 South Dearborn Street
7	Chicago, Illinois 60605
8	appeared on behalf of Premier Coatings, Inc.;
9	
10	Mr. Edward J. Leahy Leahy, Eisenberg & Fraenkel, Ltd.
11	309 West Washington Street Chicago, Illinois 60606
12	appeared on behalf of
13	Scholle Corp.;
14	,
15	Mr. David S. Finch and
16	Mr. Harvey M. Sheldon
17	McDermott, Will & Emery 227 West Monroe Street
18	Chicago, Illinois 60606-5096
19	
20	Mr. Richard S. VanRheenen Cromer, Faglesfield & Maher, P.A.
21	Station Place 200 South Meridian Street
22	Indianapolis, Indiana 46225
23	appeared on behalf of J & S Tin Mill Products Company,
24	Inc., et al.;

1	APPEARANCES (CONTINUED):
2	
3	
4	Mr. John R. Adams
5	Taylor, Miller, Sprowl, Hoffnagle & Merletti
6	33 North LaSalle Street Chicago, Illinois 60602-2602
7	appeared on behalf of Third- Party Plaintiffs Desoto, et al.;
8	Party Plaintills Desoco, et al.,
9	
10	w Bo - Bonnetala
11	Mr. Roy L. Bernstein Gottlieb and Schwartz 200 East Randolph Street
1 2	Chicago, Illinois 60601
13	appeared on behalf of Third-party
14	Defendant By Products Management;
15	·
16	
17	•
18	
19	Mr. Blanton
20	Ice, Miller, Donadio & Ryan One American Square
21	Box 82001 Indianapolis, Indiana 46282
22	appeared on behalf of
23	Indiana Department of Highways.
24	

1	INDEX	
2	WITNESS:	PAGE:
3	RICHARD BOICE	
4	Direct Examination By:	,
5	Mr. Olian	817
6	Mr. Fort	826
7	Mr. Adams	9 2 3
8	Mr. Madonia	940
9	Mr. Finch	966
10		
11	EXHIBITS	
12	Boice Deposition Nos.	0.4.5
13		845
14		873
15		875
16	48 and 49	910
17		
18		•
19		
20		
21		,
22	,	•
23		-
24		

1	RICHARD BOICE
2	having been previously duly sworn,
3	was examined and testified further as follows:
4	DIRECT EXAMINATION
5	BY MR. OLIAN:
6	Q. Mr. Boice, I am going to be inquiring
7	as to the matters set forth in the 30 (b) 6
8	notice sent by Pre Finish Metals and I would
9	just like to go through the requests with you.
10	First of all, are there any documents
11	that the Agency has relating to the matters
1 2	contained in our 30 (b) 6 notice that are not
1 3	contained in the administrative record to your
14	knowledge?
15	If you would like to look at a copy of
۱6	the notice.
17	MR. TENENBAUM: Is this yours?
8 .	I don't know what this is. I just saw
L 9	it lying there.
20	MR. OLIAN: It is just left from yesterday.
21	Thanks.
22	MR. TENENBAUM: Could you read back the
23	question? ,
	(The record was read )

Okay.

As you know, we have filed objections to some of the designation requests. In particular, with respect to paragraph 1, we have indicated our objection to discovery which is to a large extent based on the documents and other information provided by third parties.

And I don't think it is a fair question to ask the witness whether or not all the mass of documents produced in this litigation or depositions and so on, whether or not various of them are in the record or not.

I don't know if that is what you are focusing on, but I don't think that is a fair question to ask the witness. I would object to it.

As to the other, do you want to deal with that one or do you want me to go through the other?

MR. OLIAN: Let's go through them all.

MR. TENENBAUM: As to the other ones, we stated our objection to these.

Again on paragraph 2 and 3, it is a very general request which we found ambiguous,

and I might add that we are waiting an explanation from Pre Finish Metals and other defendants as to the basis for any defense that they are alleging relating to these, if they are alleging such a defense.

We have not received any information from any of the defendants on that. And without such information it is pretty hard to evaluate what documents might be relating to that, if any.

As to the fourth. Again, I have gone back to the second and third, it is not clear at all to me what these are going after, as we stated in our objections.

They may be going after remedy selection issues, in which case we have stated our usual discovery into remedy selection issues objections.

On item 4, it seems to have two parts to it or might have two parts to it. One is all facts or information as to whether Pre Finish Metals failed or refused to comply with the United States Section 106 orders. Then there is tagged on to the end, without sufficient cause

on that one.

2

3

The first part of that the witness can certainly answer your questions.

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

As to the second part, I think that is asking the witness to prove a negative. have sought to find out from Pre Finish and the other defendants what such cause or causes they are alleging and we haven't been told.

We can't prove a negative.

MR. OLIAN: Okay.

Then, Mr. Boice, I guess with respect Q. to the one question that counsel has not objected to and sought protection from the court on:

Are you aware of any documents that go to the issue as to whether Pre Finish Metals, Inc. failed or refused to comply with the Section 106 orders that are not contained in the administrative records?

- Would you repeat the question?
- Do you have any documents that go to 0. the issue as to whether or not Pre Finish Metals failed or refused to comply with the Section 106 orders that are not contained in the various

1	administrative records?
2	A. Yes.
3	Q. And what are those, have you brought
4	those documents with you today?
5	A. No, I don't think we did.
6	Those documents are your response to
7	our unilateral administrative order. I think
8	the letter was dated December 29, 1989.
9	And then there were subsequent letters
10	in January and some even came in February. I'm
11	not sure whether it was from Pre Finish Metals
1 2	or not.
L 3	Q. Other than letters sent by Pre Finish
L 4	or other defendants, are there other documents
15	aside from what is contained in the order that
16	go to this issue to your knowledge?
17	A. All that I know is documents filed in
18	court.
19	Q. Okay.
20	Counsel has based his objection in at
21	least in part on questions 2 and 3 as going to
22	remedy selection issues.
23	What I am trying to get at here is
,	whether the langu relied on anything that is

1	not contained in the administrative record in
2	reaching its decision as to either the remedy or
3	the issuance of the orders with respect to Pre
4	Finish Metals?
5	A. No.
6	Q. Does the Agency have any specific
7	information or facts as to whether materials
8	that Pre Finish sent are directly found at the
9	site?
10	Let me clarify that. We sent a
11	substance that is a hazardous substance and is
12	found at the site.
13	Is there any information that links
14	what is found at the site specifically to drums
15	sent by Pre Finish other than what is contained
16	in the record?
17	MR. TENENBAUM: Are you including all the
1.8	litigation documents in this case?
19	MR. OLIAN: Yes.
20	What do you mean by the litigation
21	documents?
22	MR. TENENBAUM: Deposition transcripts and
23	interrogatory answers.
24	MR. OLIAN: Yes.

I understand the government's position that to prove causation all they have to show is we sent a substance to the site and that substance was found at the site.

What I am asking is whether you have any information beyond that that specifically links the specific drums Pre Finish sent to a particular part of the site.

- name on them somewhere at the site?
- A. Our liability evidence includes the responses to the 104 E requests, the responses to USEPA's interrogatories, responses to requests for admission.

The production of documents by the respondents, by the defendants. Permits and permit applications. The Dehart and Intec shipping documents, and other documents.

- Q. Other than documents and deposition transcripts and the like, was there any physical evidence at the site that would link Pre Finish's wastes or the substances sent there directly to any contamination found at the site?
  - A. Well, in a sense in that --

Well, I have to look at the what we 1 2 know about your wastes. But, I think that some 3 of the hazardous constituents that were in your waste were also detected at the site in the 5 remedial investigation results and in the other results, testing results. 6 7 0. Okay. Aside from the commonality of the 8 9 substances we sent and the substances found, is 10 there any evidence that the substances found at

A. For example, if there was a drum that said this is from Pre Finish Metals and we saw someone pouring it on to the site?

the site came specifically from the drums that

O. Yes.

we sent to the site?

Or you found a drum with our name on it with a hole in the bottom, and a pile of material sitting around the base of the drum.

Something like that.

- A. I don't know of any evidence like that.
- Q. Okay.

Does EPA have any facts or information as to whether drums that Pre Finish sent to the

24

11

12

13

14

15

16

17

site, sent to Midco I specifically, were 1 trans-shipped to Midco II? 2 MR. TENENBAUM: Objection, vague. 3 MR. OLIAN: Pardon? 4 5 MR. TENENBAUM: Vaque. He can answer, if he 6 can. 7 Well, in a sense that we though Pre Α. Finish Metals' wastes were transported and 8 placed at the Midco I site. And we know that 9 10 there were trans-shipments from the Midco I site 11 to the Midco II site based on depositions, 12 depositional testimony. 13 BY MR. OLIAN: 14 Q. Okay. 15 Do you know whether Pre Finish's drums 16 having been sent to Midco I, whether our 17 specific drums happened to be among those trans-shipped to Midco II? 18 19 You mean do we know there was some 20 drums that said this is from Pre Finish Metals 21 and they put it -- somebody said they put it in 22 a container and took it to Midco II? 23 0. Yes. 24 I don't know of any information. Α.

Q. Okay.

Subject to the resolution of counsel's objections to our other requests, I am finished. Thank you.

DIRECT EXAMINATION

BY MR. FORT:

O. Mr. Boice, my name is Jeff Fort and I represent Desoto. I would like to continue in the same vein as Mr. Olian in terms of asking questions specifically relating to liability

issues concerning Desoto.

I would point out at the outset that until the court resolves these pending issues, or until counsel for the government changes his position on what things he will direct you not to answer, I am going to try to avoid areas that will evoke that sort of continued dispute and focus on those areas that we can go through, hopefully expeditiously.

Mr. Boice, directing your attention to the consideration of any liability information for Desoto.

Do you have any firsthand knowledge that Desoto arranged for treatment or disposal

of hazardous substances at either of the Midco 1 sites? 2 MR. TENENBAUM: What do you mean by 3 firsthand knowledge? 4 Does he have direct firsthand 5 MR. FORT: knowledge, prescient information, either in the 6 form of seeing a drum with a Desoto label at the 7 site, seeing drums shipped from the Desoto plant 8 to the site, or other direct firsthand 9 10 knowledge. I want to set aside for the moment any 11 review of deposition transcript, documents, 12 13 things of that nature. In other words, was I an eye witness? 14 Α. Exactly. 15 Q. 16 Α. No. 17 Okay. Q. Other than reviewing the deposition 18 transcripts, documents provided by the site 19 20 operators, documents provided by other third parties, 104 E responses, things of that nature. 21 Do you have anything else that you 22 would consider firsthand information that Desoto 23 waste materials of hazardous substances were 24

1 disposed of at the site? 2 I thought you just said that those weren't firsthand information sources. 3 4 Q. Exactly. I just want to make sure of 5 I want to see if there is anything else that you would consider direct firsthand 6 7 knowledge other than those things. 8 MR. TENENBAUM: By him? 9 MR. FORT: Yes, by him. Just this witness' 10 knowledge. 11 A. No. 12 0. Okay. 13 Now, can you describe for me generally 14 what information are you aware of that Desoto 15 arranged for the treatment or disposal of hazardous substances at either of the Midco 16 sites? 17 18 Α. Well, we have --19 MR. TENENBAUM: Let me just for the record 20 again restate my objection to the request for 21 designation and testimony on the area of 22 production by third-parties and so on.

A. As we stated regarding the other

But, you can go ahead and answer.

23

generators, there is the Dehart and Intec

documents, which includes shipping, various

shipping documents, such as pickup tickets,

invoices, memos, check receipts, a number of

other types of documents, and the Midco log.

And there was responses to 104 E

requests, responses to interrogatories.

requests, responses to interrogatories,
responses to production of documents, responses
to requests for admissions. Depositions,
interviews, and permits, and permit
applications.

BY MR. FORT:

Q. Okay.

Is that a general answer for all defendants here, or is that an answer specifically on Desoto?

- A. I think that applies to all the generators.
  - Q. Okay.

Well, do you know if there was any permit application information that relates to Desoto waste materials going to the site?

- A. I don't know about that.
- Q. Okay.

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

How about interviews that dealt 1 2 specifically with Desoto waste materials going to the site? 3 4 I would have to read the interview. 5 Q. Okay. 6 What interviews are you thinking about, 7 is that the Crouch interview that we talked 8 about last time? 9 As far as I know, that's the only one. Α. 10 0. That's the only one you are aware of, the Crouch interview? 11 12 Yes. Α. 13 Q. Okay. 14 In terms of answers to interrogatories, 15 requests for admission, things of that nature, 16 do you recall any information specific to Desoto that indicated Desoto waste materials were in 17 18 fact disposed of at the sites, either of the 19 sites? MR. TENENBAUM: I am going to have to object 20 to that. You can read your own interrogatory 21 answers, requests for admissions, as well as the 22 23 witness can.

I don't think it is fair to ask if he

can memorize or remember, if he is ever read 7 2 them. MR. FORT: I don't know if he did, counsel. 3 But, if he did, he can say. If he did or not, 4 5 if he can't recall, he can't recall. I am asking for his recollection. 6 7 MR. TENENBAUM: I have my objection reiterated. 8 9 Α. I can't recall. 10 BY MR. FORT: 11 Okay. O. 12 Do you recall anything specific in a 1.3 104 E response, either of Desoto or anybody else, that would indicate that Desoto waste 14 materials were, in fact, disposed of at the 15 16 site? 17 Yes. Α. 18 Q. Okay. And what do you recall in terms of that 19 20 104 E, was that a response by Desoto on the 104 21 E that you are recalling? 22 Α. Yes. 23 Anybody else's that indicated Desoto 24 had, in fact, disposed of wastes at the site, on

1	a 104 E response?
2	A. Not as far as I can remember.
3	Q. Okay.
4	How about the Midco log, is there
5	specific information there on Desoto?
6	A. Yes.
7	O. Okay.
8	How about the Dehart and Intec
9	documents?
10	A. Yes.
11	Q. Okay.
12	Now, in any of these documents that you
13	can specifically recall, the Dehart or Intec
14	documents, the Midco log, the 104 F response of
15	Desoto, was there specific information as to
16	specific hazardous substances or constituents
17	within the waste material?
18	MR. TENENBAUM: Same objection.
19	I don't see why we can't show the
20	witness the documents rather than testing his
21	memory, when he doesn't even have firsthand
22	knowledge.
23	MR. FORT: If he can not recall, we can
24	refresh his recollection. But, I am just trying

You

to get an understanding of this witness' 1 2 recollection. MR. TENENBAUM: It is up to you. 3 already established that the witness doesn't 4 have firsthand knowledge, so I'm not sure that 5. is relevant or calculated to lead to admissible 6 7 evidence as to whether he can remember something 8 he learned from third parties, through a 9 question of litigation or 104 E responses or so 10 on. 11 The witness can try and answer. As far as I can remember, the 104 E 12 Α. request or response includes information on 13 14 hazardous wastes that were disposed of at the 15 site. 16 BY MR. FORT: 17 0. Okay. 18 How about the Midco log? 19 No. A. 20 And the Dehart documents? 0. 21 I would have to review those. Α. 22 How about the Intec documents? Q. 23 I would have to review those. Α. 24 Q. Do you recall the types of substances

1 that were indicated to be present in the 104 E response of Desoto? 2 3 MR. TENENBAUM: Same objection. Α. No. 5 BY MR. FORT: 6 Q. Okay. 7 Do you have any general knowledge of the types of waste materials that Desoto might 8 9 have sent to the site? 10 Do I have any what? Α. 11 General knowledge as to the types of 0. 12 waste materials that might have been sent to the 13 site, either because you know what the 14 manufacturing operation was or you have looked 15 at any other data? 16 MR. TENENBAUM: Same objection. 17 Just from reading the documents I Α. stated before. 18 19 BY MR. FORT: 20 0. Okay. Now that you mention it, it mentioned 21 Α. 22 xylene I think and toluene in those documents, 23 resins, various acrylic resins and various 24 chemicals that are used in the production of

resins. And said that the resin would solidify 1 and encapsulate the solvents. 2 3 Q. Okay. 4 As to the acrylic resins, are those 5 hazardous substances? MR. TENENBAUM: Objection. Calls -- may 6 call for a legal conclusion, may seek expert 7 testimony. 8 A. I don't know. 9 10 BY MR. FORT: ` 11 0. You don't know? 12 Α. No. 13 0. Okay. How about the these other chemicals, I 14 want to leave xylene and toluene, the specific 15 ones you mentioned, for the end. 16 What about these other chemicals, do 17 18 you have a view on whether or not those are hazardous substances? 19 20 MR. TENENBAUM: Same objection. Which chemicals? 21 Α. 22 BY MR. FORT: Q. Well, if you can be specific, let's go 23 to xylene. Is that a hazardous substance to 24

1	your knowledge?
2	MR. TENENBAUM: Same objection.
3	A. Yes.
4	BY MR. FORT:
5	Q. Toluene?
6	A. Yes.
7	Q. There was not an objection to that
8	question?
9	MR. TENENBAUM: No. I am sorry.
10	Again, can I have a continuing
11	objection to your questions on hazardous
12	substances?
13	MR. FORT: I assumed that it was. I was
14	just surprised that you didn't say so it. So I
15	understand your position.
16	MR. TENENBAUM: Let me ask you
17	MR. FORT: If I really wanted to get it by,
18	I really wouldn't have asked if you wanted to
19	object.
20	MR. TENENBAUM: Do you agree or disagree
21	with my objection?
22	MR. FORT: I think your objection stands for
23	the record.
24	Q. Mr. Boice, do you recall any other

1	substances in the Desoto waste that you would
2	view as a hazardous substance?
3	MR. TENENBAUM: Same objection.
4	A. Do I recall any?
5	BY MR. FORT:
6	Q. Yes.
7	A. Yes, I recall that there were other
8	ones, yes.
9	Ω. Okay.
10	You don't recall specifically which
11	ones there were?
12	A. No.
13	Q. Do you recall what kinds of documents
14	might refresh your recollection as to these
15	substances?
16	MR. TENENBAUM: Same continuing objection.
17	. A. The document I am talking about is the
18	response from Desoto, the 104 E response.
19	BY MR. FORT:
20	Q. Was it in the text of the response or
21	an attachment, or do you recall?
22	A. I think it was probably both.
23	Q. Was there just one 104 E response that
24	you are recalling?

1 MR. TENENBAUM: Same objection. 2 Do I have a continuing objection so I 3 don't have to interrupt? MR. FORT: Yes. 5 MR. TENENBAUM: Thank you. 6 Α. I don't remember. 7 BY MR. FORT: 8 Q. Okay. 9 To what extent can you describe or 10 identify for me how these hazardous substances 11 that you recall being in the Desoto waste 12 materials caused or contributed to the alleged 13 imminent substantial endangerment at the sites? 14 MR. TENENBAUM: Objection, instruct the 15 witness not to answer, as you are seeking 16 testimony on the finding of imminent substantial 17 endangerment. 18 MR. FORT: Counsel, I am not asking on the 19 finding or what led to the finding. I am asking 20 to what extent is Desoto liable or related to 21 the finding. 22 MR. TENENBAUM: I think you have already asked questions about Desoto. And what the 23

other documents say, they say.

5

I don't see how your appending a little 1 attachment to your question which uses the words 2 imminent substantial endangerment entitles you 3 to ask about an imminent substantial 4 5 endangerment finding. 6 BY MR. FORT: Mr. Boice, are you not answering the 7 0. question based upon the instruction of your 8 9 counsel? 10 That's correct. Α. Could you answer that question if your 11 Q. 12 counsel had not instructed you not to answer the 13 question? 14 To some degree, I could. Α. MR. TENENBAUM: I don't know whether there 15 16 is any way of rephrasing your question that 17 would go to a non-record issue. 18 But, as phrased, it seems to go to a 19 record issue. 20 MR. FORT: Counsel, I am not sure how. 21 will come at it other ways. But, I think that was a very fair, 22 23 legitimate, straightforward question that could 24 lead to a lot of other questions. So the

1 question stands. 2 Mr. Boice, you said that you believed 3 toluene was in the Desoto waste materials and 4 that it was a hazardous substance. 5 What is your basis for viewing toluene 6 as a hazardous substance? MR. TENENBAUM: Same objection. I am going 7 to -- well --8 9 MR. FORT: Counsel, you have made your 10 objection, and an objection is fine. Let's let 11 the witness --MR. TENENBAUM: Either your question seeks 12 13 one or two things, I am not taking a position as to which at this time. 14 It either seeks a legal conclusion in 15 16 whole or in part, or it is seeking expert 17 testimony in whole or in part. And in either case, I am entitled to instruct the witness not 18 19 to answer the question. 20 MR. FORT: You are not entitled to instruct him not to answer, certainly not. 21 If there is a privilege, you can 22 instruct him not to answer. If it is relevant 23 24 as such, expert testimony and all of that, that

1	is, you may make an objection, but you cannot
2	instruct him not to answer.
3	MR. TENENBAUM: Legal conclusion.
4	MR. FORT: Nice objections, counsel. I
5	don't quarrel with your objections, but would I
6	like this witness to answer the question.
7	MR. TENENBAUM: I am not going to have the
8	testimony of a non-lawyer on legal issues.
9	MR. FORT: Counsel, may I have the
10	witness
11	Excuse me. May I have the witness
12	answer?
13	MR. TENENBAUM: Will you allow me to
14	question your witnesses next week on the same
15	question? I would like to know.
16	MR. FORT: Counsel, I can ask any questions
17	I choose to ask. You can object to them.
18	MR. TENENBAUM: I think I made a valid
19	objection.
20	You have not told me whether or not you
21	disagree with my objection.
22	MR. FORT: Mr. Tenenbaum, it doesn't matter
23	if I agree or disagree with the objection. This
24	is discovery under the Federal Rules of Civil

l Procedure.

You have made an objection, and the witness may answer the question.

You already made your objection as to whether or not he could opine or make a legal conclusion on whether toluene is a hazardous substance, I don't know if a chemical --

MR. TENENBAUM: I am afraid --

MR. FORT: Excuse me, counsel.

You have made your objection. I would like to know the basis for him saying that toluene is a hazardous substance. It is a very simple question.

MR. TENENBAUM: Well, I am afraid that --

If you are willing to stipulate at this time on the record that when I ask your witnesses the same question, you will make the same objection, you are going to allow your witness to answer.

MR. FORT: I will let my witness answer, I may make an objection, but I will certainly let my witness answer.

MR. TENENBAUM: Okay.

Then you may subject to my objection,

1	if you know the answer.
2	A. You mean why it is legally called a
3	hazardous substances under CERCLA?
4	BY MR. FORT:
5	Q. Yes.
6	A. It is listed as a hazardous substance
7	under the regulations.
8	Q. In which regulations?
9	A. I don't know the number, but it is in
10	the regulation.
11	Q. In the Resource Conservation Recovery
12	Act regulations?
13	A. No, the CERCLA regulations.
14	Q. Okay.
15	Do you know why it is listed as a
16	hazardous substance under the CERCLA
17	regulations?
18	MR. TENENBAUM: Same continuing objection.
19	A. It is toxic.
20	BY MR. FORT:
21	Q. It is toxic?
22	A. And I think it is flammable. I think
23	it is just toxic. I am not sure at all.
24	Q. Okay.

1	It is toxic and it may be flammable?
2	A. I know it is flammable. What I meant
3	is it might be ignitable.
4	Q. Is it or is it not toxic, in your view?
5	A. I just said it was toxic. Can't you
6	hear?
7	O. Well, you said it was toxic. Then you
8	said it may be flammable. Then you said it
9	might be ignitable. It is flammable, I know
10	that.
11	And your testimony is that toluene is a
12	hazardous substance because it is toxic, in
13	part; is that right?
14	MR. TENENBAUM: Same objection.
15	A. That is a fact.
16	BY MR. FORT:
17	Q. Okay.
18	And you believe it is also a hazardous
19	substance, because it is ignitable or flammable?
20	A. It is not
21	I believe it is a fact that it is
22	toxic. It is listed as a hazardous substance in
23	the regulations for CERCLA.
24	I don't know, it might also be an

1	ignitable substance, which means that it can
2	burst into flames and under certain tests at
3	less than I think it is 60 degrees Fahrenheit.
4	Q. Okay.
5	A. Is that a good enough test?
6	MR. BLANTON: Would you like a cup of coffee
7	or a cup of decaf?
8	MR. TENENBAUM: Let's go off the record for
9	second.
10	(Discussion had off the record.)
11	MR. TENENBAUM: Let's take a break.
1 2	MR. FORT: We will take a short break.
1 3	(A short recess was taken.)
14	(The documents above-referred to
15	were marked Boice Deposition
16	Exhibit Nos. 43 and 44 for
17	identification.)
18	MR. BLANTON: Mr. Reporter, would you please
1 9	note my request that my remarks be stricken from
20	the record, and my apology to Mr. Boice, counsel
21	and the court for those inappropriate remarks.
22	BY MR. FORT:
23	Q. We are back on the record, having taken
24	a 15 minute break or so.
- ** (	a to winding press or so.

1 Mr. Boice, I would like to proceed. 2 Counsel, I understand that you have a continuing objection to me asking this witness any 3 questions as to whether or not particular materials are toxic or not. 5 6 And I take it if I want to ask him any 7 questions about xylene or other particular substances, you would object to that as a legal 8 9 conclusion as well as calling for an expert 10 opinion? 11 MR. TENENBAUM: Yes, that's correct. 12 Okay. With that understanding. MR. FORT: 13 MR. TENENBAUM: One or the other or both. 14 MR. FORT: Okay. 15 I take it that would apply if I asked 16 questions as to acetone, methyl ethyl ketone, 17 otherwise known as 2-butanone, b-u-t-a-n-o-n-e, methyl isobutyl ketone, ethyl acetate or xylene? 18 19 MR. TENENBAUM: Yes. 20 MR. FORT: As well as any other specific chemical substances that might or might not be 21 hazardous substances? 22 23 MR. TENENBAUM: Yes.

MR. FORT: With that, I will push on.

Q. Mr. Boice, again in the context of potential liability of my client, and specifically as to that, although it may have other implications in this case.

any information that you are aware of that is not in the administrative record as certified, including as amended yesterday, that would describe whether or not particular materials or chemicals or substances cause or contributed to an imminent and substantial endangerment?

MR. TENENBAUM: I will assume that you are speaking of the EPA's finding of imminent and substantial endangerment, which would be a record-review issue in our view.

Therefore, we are going to have to object and instruct the witness not to answer on the ground that you are seeking discovery into a record-review issue.

And also you are calling for a legal conclusion. I might add that ground as an additional basis for an objection.

BY MR. FORT:

1	O. Mr. Boice, are you not answering based
2	upon your counsel's instruction?
3	A. Yes.
4	Q. Could you answer that question if he
5	had not made that instruction?
6	A. Yes.
7	Q. Mr. Boice, are you aware of any
8	information, other than what is included in the
9	record, that would go to whether or not
10	particular chemical substances sent by my client
11	Desoto to the site were associated with the
12	conditions at the site as they presently exist
13	such as to be associated with the Agency's
۱4	determination that an imminent and substantial
15	endangerment exists?
L 6	MR. TENENBAUM: Objection, calls for a legal
17	conclusion in part. It is vague and ambiguous.
18	And calls for, at least in part, if not
9	in full, for discovery into record-review
20	issues.
21	If your question is whether the
22	witness
23	MR. FORT: Counsel, it was whether or not
4	they are any documents that are not in the

1	record that relate to that category.
2	MR. TENENBAUM: Well, whether there are any
3	documents in the record that relate to that
4	category is the same objection.
5	There may be a way to rephrase it to
6	make it a non-objectionable question.
7	MR. FORT: Are you going to let the witness
8	answer?
9	MR. TENENBAUM: Not as phrased. No.
10	MR. FORT: Are you directing him not to
11	answer?
12	MR. TENENBAUM: Yes.
13	BY MR. FORT:
14	Q. Mr. Boice, are you not answering based
15	upon your counsel's instruction?
16	A. Yes.
17	Q. If he had not given that instruction,
18	could you answer the question?
19	A. Would you repeat the question.
20	MR. FORT: Would you read it back, please.
21	(The record was read.)
22	A. I don't understand the question.
23	O. Mr. Boice, with respect to this
24	determination of imminent substantial

endangerment, did EPA collect any data after the 1 2 signing of the record of decision or after --3 strike that -- or after the completion of the 4 reading of the investigation of the feasibility 5 study for the purpose of making the 6 determination, or which was used in making the 7 determination in late 1989 that there was an 8 imminent substantial endangerment at the site? 9 MR. TENENBAUM: Objection. Instruct the 10 witness not to answer, seeking discovery on a 11 record issue. 12 BY MR. FORT: 13 Mr. Boice, could you answer that 0.

- Q. Mr. Boice, could you answer that question if counsel had not directed you not to answer it?
  - A. Yes.

14

15

16

17

. 18

19

20

21

22

23

- Q. And you are not answering based upon his instructions, correct?
  - A. Correct.
- Q. Is the documentation as to the risks to human health and the environment presented in the record of decision complete to the best of your knowledge?
  - MR. TENENBAUM: Risks. I am sorry. Could

you read that back, please? 1 MR. FORT: Can you read it back, please. 2 (The question was read.) 3 MR. TENENBAUM: Same objection and 4 instruction. 5 6 BY MR. FORT: 7 Mr. Boice, could you answer that if 0. 8 your counsel had not instructed you not to 9 answer it? A. I don't understand the question. 10 Do you believe that the documentation 11 0. included in the record of decision is complete? 12 13 What does complete mean? Α. 14 That all the data that was collected by Ω. RPA concerning environmental conditions at the 15 site is presented in the record of decision or 16 17 referenced by the record of decision? MR. TENENBAUM: That is a different question 18 19 you have now asked. MR. FORT: He said he didn't understand it, 20 so I rephrased it. 21 MR. TENENBAUM: These questions are tied 22 23 into a finding of imminent substantial 24 endangerment, right?

1 Is that what you are still talking 2 about? 3 MR. FORT: We are talking about endangerment 4 issues still here, counsel. I haven't changed 5 the thrust of this. 6 You kept objecting. I am trying to go 7 at it different ways to try to elicit a R response. 9 MR. TENENBAUM: Well --10 MR. FORT: There is a question pending. 11 MR. TENENBAUM: Well, I will have to decide. 12 Your question pending is just the limited question as to whether or not there is 13 14 information pertaining to conditions at the site 15 that is not in the record. 16 Is that the limited question that you 17 are asking? 18 MR. FORT: I have been asking that question 19 in different ways several times now. 20 MR. TENENBAUM: Until just now you have 21 always tied it into the Agency finding of 22 imminent substantial endangerment. 23 There are documents that have been 24 produced pertaining to conditions at the site

that may or may not have been considered in 1 2 connection with the finding of imminent substantial endangerment. I don't know. 3 MR. FORT: Could you find the question and read it back? 5 6 (The record was read as follows: 7 Do you believe that the documentation included 8 9 in the record of decision is 10 complete? 11 A. What does complete 12 mean? That all the data 13 14 that was collected by EPA concerning environmental 15 16 conditions at the site is 17 presented in the record of 18 decision or referenced by the record of decision?") 19 20 MR. TENENBAUM: I am going to have to object 21 to the extent you are asking about compilation 22 of the record and instruct the witness not to 23 answer. 24 If you want to confine your question to

1 conditions at the site. 2 BY MR. FORT: 3 Mr. Boice, can you answer that question O. 4 as modified? 5 Α. Yes. Are you not answering that question 6 Q. based upon your counsel's instruction? 7 8 Α. Yes. 9 0. I have asked the court reporter to mark two documents as exhibits the pages marked as 10 11 page 9 out of the two records of decision. 12 We had some documents marked yesterday with the day's date and numbered 1 through 13. 13 14 We are going to reserve some numbers here, but try to get back into a continuous numbering 15 system for this witness. I think that will be 16 17 much clearer. Counsel, do you have any objection to 18 19 that? MR. TENENBAUM: You say you are going to 20 21 renumber the ones from yesterday? MR. FORT: We will have two numbers on it, 22 but we can do that at a break. 23 MR. TENENBAUM: I have no objection to that. 24

MR. FORT: Okay.

Δ

With that, I have asked the court reporter to mark as exhibit Boice Exhibit No. 43 page 9 from the Midco I R.O.D. and Exhibit 44 is page 9 from the Midco II record of decision.

Q. Mr. Boice, I am not going to ask you as to whether or not you prepared this or how it was prepared or anything like that.

But, directing your attention to the bottom part of the page, where the statement is made, "The main compounds causing the carcinogenic risks are:" Then you have a category, "ground water, soils and surface water."

And then you have a category of noncarcinogenic risks in ground water. And I believe that same format is used, that's the format for Midco I.

And Midco II you have an additional category of -- I am sorry, we will just stop at that, of soils, I am sorry, soils for Midco II as well.

Mr. Boice, I would like you to take a moment to look at those and then tell me whether

or not you recognize any of those substances there as being materials that you believe are the same materials that were sent by Desoto?

- A. I would have to review the files, but I heard you mention methylene chloride.
  - Q. I mentioned methylene chloride?
  - A. Yes.
  - Q. I am not sure that I did.

But, if you recall, I want you to answer what things you recall as being substances sent by Desoto that are on that list there.

MR. TENENBAUM: Let me reiterate at this time my objection to the earlier line of questioning about the substances that Desoto sent to the site.

You have not permitted the witness to review all the files that are available on that, and you are seeking his testimony on documents and other matters that are either in the case or produced by third parties, which is not proper in this instance.

Furthermore, we have gone into an area in which you also are seeking, at least in part,

expert witness testimony. And this witness has not been designated as an expert witness.

MR. FORT: Mr. Tenenbaum, this witness was produced by the government as being the person who can testify as to various items.

I am asking him very limited a question --

MR. TENENBAUM: You are --

MR. FORT: Excuse me. Excuse me.

I am asking him very limited questions as to whether or not as to reports that were done, either prepared by him, I believe that was the testimony yesterday as to the R.O.D., or were done under his supervision as remedial project manager, and whether or not he can recall or identify any substances that I have just called his attention to as being substances sent by Desoto.

MR. TENENBAUM: That does highlight the whole point of my objection. That is, this witness is not being designated to testify on the hazardous nature of Desoto's substances.

Now, you had a multiply compound designation in your request, which covered a lot

of issues. It did -- it might have had the word 1 hazardous substances in there, but it covers a 3 lot of other liability issues. It was on those other liability issues 5 that this witness was designated. 6 If you had requested a witness to 7 testify on the hazardous nature of Desoto's 8 waste, we would have not produced this witness 9 on that. 10 MR. FORT: Counsel, I wish you would listen 11 to the question. 12 I just asked him for substances, these 13 are chemicals. I am not asking whether or not 14 they are hazardous or not. These are simply 15 chemicals. 16 MR. TENENBAUM: Even as to the chemicals 17 that were constituents of Desoto's waste, that 18 requires expert testimony. It may require 19 expert testimony in part. 20 MR. FORT: I thought there was witness 21 was --22 MR. TENENBAUM: We would not designate the 23 witness for that purpose. 24 MR. FORT: I asked for category number 1 all

facts or information relating to whether Desoto arranged for treatment or disposal of hazardous substances at either or both the Midco sites.

Then about imminent substantial endangerment.

Let's ask what the witness' knowledge is.

MR. TENENBAUM: Just a second.

Let me just make clear that our understanding was that you were -- you wanted a witness that could tie you to Midco I and Midco II. That was the general thrust of your designation number 1.

If you wanted to focus in on the substance issues, what were the substances in Desoto's waste, we would have -- we probably did object on these grounds already, but we would have objected on the grounds that I have set forth today.

MR. FORT: You are objecting to any inquiry as to whether substances we sent were hazardous?

MR. TENENBAUM: We told you that either asks for a legal conclusion or it seeks expert

To the extent you are seeking testimony

16 -

witness testimony.

of an expert witness, I should also add up until now you, as well as virtually every other defendant, has led us to believe that we would be able to enter into a stipulation, taking the hazardous substance issue out of the case.

It wasn't until just yesterday that you indicated -- or we may still be able to do that, but there may be a problem with that.

So, we certainly have not been focusing on that for preparation of this deposition.

MR. FORT: Counsel, I object to you putting into the record any discussions that we may have had off the record.

I am asking this witness a very simple question. Can he recall whether or not any of the substances, any of the chemicals listed in that part, in those documents, are substances, the same substances that were allegedly sent to either of the sites by Desoto.

MR. TENENBAUM: Same objection as before.

And if you know the answer, you can answer to the best of your ability.

A. Okay.

First of all, as I stated before,

benzene, I mentioned benzene and toluene, those
were just off the top of my head out of the list
of chemicals that were in your 104 E response.

So really to give a meaningful answer,

I would have to review that response. Although

I do see benzene and xylene, I think -- no,

toluene and xylene, I mean, in the list of

hazardous substances exceeding maximum

contaminant levels in the ground water.

- Q. Okay.
- A. But, to really give a meaningful answer I would have to review your response, plus even the 104 E response isn't necessarily the universe of information we will be able to come up with on chemicals you have disposed of at the site.
  - Q. Okay.

so to answer my question, you would need to refresh your recollection by looking at, number one, the Desoto 104 E response, correct?

- A. Yes.
- Q. At least that?
- A. Yes.
  - Q. And what other types of information

1 would you want to look at to refresh your 2 recollection or to rely upon to answer that 3 question? MR. TENENBAUM: Same continuing objection. 4 5 That's the only document I know of that 6 identifies hazardous substances from Desoto, 7 except I think we have a permit application, 8 too, that identifies various hazardous 9 substances. 10 0. What type of permit application are you 11 referring to? 12 Α. I don't know. I haven't seen it. 13 Okay. 0. 14 Somebody has told you about it? 15 Yes. Α. 16 0. Who was it that told you about it. 17 MR. TENENBAUM: Objection. Instruct the witness not to answer 18 19 anything to do with attorney-client 20 communication. 21 BY MR. FORT: 22 Mr. Boice, you are not going to answer 0. 23 that question based upon what Mr. Tenenbaum just 24 told you?

What question? Α.

2 3

4

5

6

7

8

9

10

11

12

13

74

15

16

17

18

19

20

21

22

23

24

MR. TENENBAUM: If you want to indicate whether you have discussed the matter with attorneys, as long as you agree that that in itself doesn't constitute any waiver. You can indicate that, that's the substance of the communications.

MR. FORT: Who told you? Was it a lawyer who told you about that?

You have got to establish that it was at least a lawyer that he talked to. Then we can go from there whether or not there is attorney-client. But, if he talked to somebody on the street who told him that, then that is not privileged.

MR. TENENBAUM: You can indicate that but do not testify as to the substance of any communications with an attorney.

It was based on discussions I have had Α. with counsel.

BY MR. FORT:

- 0. Either Mr. Tenenbaum or Mr. Berman?
- Α. Yes.
- Mr. Boice, if you would look again at Q.

what we have marked as Exhibits 43 and 44. 1 2 Thère is a reference there with an asterisk, do 3 you see that, under lifetime cumulative 4 carcinogenic risk. 5 Do you see that column? 6 Α. Yes, I do. 7 Okay. 0. And there's a reference there to a 8 9 document, table 4-22 of the addendum to the 10 public comment feasibility study, Midco I? 11 Α. Yes. 12 0. Okay. 13 So the values presented on Exhibit 43 for Midco I were taken from the addendum to the 14 15 public comment feasibility study for Midco I, 16 correct? 17 MR. TENENBAUM: Objection. I think you are 18 taking discovery on the record issue, aren't 19 you? MR. FORT: I am trying to understand, it is 20 not clear to me that that is what it is. If it 21 22 isn't, I want to know that. If it is, that is 23 fine. It is a simple question.

MR. TENENBAUM: You have taken part of the

Agency's record of decision and you are asking 1 for him to interpret or explain it. 3 I don't think you are entitled to take discovery and seek explanation in a deposition 4 of the basis for the Agency's decision, or part 5 of the reasoning in support of that decision. 6 That's the issue before the court, is 7 B it not. 9 MR. FORT: Is that an objection or 10 instruction not to answer or are we just debating? 11 12 MR. TENENBAUM: I am trying to make sure I understand your question. 13 14 Unless you can educate me as to how I 15 misunderstand your question, then that would be 16 an objection and instruction, yes. 17 BY MR. FORT: Mr. Boice, are you not answering based . 18 0. upon your counsel's instruction? 19 20 A. Yes. 21 Could you answer that question if Q. 22 counsel had not told you not to answer it? 23 Α. Yes. My problem is, this number doesn't 24 Q.

appear in the document that is referenced. 1 2 Something happened between the reference in here and I want to understand what was done. 3 4 that is nowhere in the record. 5 It may be a simple mathematical 6 calculation. If that is what it is, that is 7 fine. But, I am trying to understand what this 8 document means. 9 So, Mr. Boice, can you tell us how the 10 chart here, "lifetime cumulative carcinogenic 11 risk," was developed based upon the table 4-22 12 of the addendum to the public comment 13 feasibility study? MR. TENENBAUM: Well --14 15 MR. FORT: Are you going to object or not? 16 MR. TENENBAUM: Yes. I am going to object 17 and instruct the witness not to answer. 18 I don't believe you laid a sufficient predicate for that type of discovery. 19 MR. FORT: Are you directing him not to 20 21 answer, or are you letting him answer? 22 MR. TENENBAUM: No. I am directing him not , 23 to answer. 24

1	BY MR. FORT:
2	Q. Mr. Boice, could you answer that
3	question if counsel had not told you not to
4	answer that question?
5	A. Yes.
6	Q. And you are not answering because he
7	told you not to answer it?
8	A. Correct.
9	Q. Would the same situation be true, Mr.
10	Boice, assuming that counsel would object to the
11	Midco II document, Exhibit 43?
12	A. Yes.
13	Q. Mr. Boice, yesterday you indicated that
14	you had information as to what company or
15	companies were responsible for the
16	polychlorinated biphenyls at the site.
17	Do you recall that testimony?
18	A. Could you repeat the question?
19	MR. FORT: Read it back.
20	(The record was read.)
21	A. I said just the opposite.
22	Q. You don't recall who it is?
23	A. We don't know who it is.
24	Q. You do not know who it is?

1	A. No.
2	Q. Okay. I am sorry, I didn't hear the
3	testimony correctly.
4	There is no documentation in the 104 E
5	responses, in the other third-party discovery
6	you have obtained, or anything of that nature
7	that would indicate who the source of the PCBs
8	is?
9	A. Not that I know of.
10	Q. So, you don't know if any of the
11	defendants in this case sent PCBs to the site?
12	MR. TENENBAUM: You want to know without his
13	viewing any further documents, is that correct?
14	MR. FORT: That's right. Based upon his
15	knowledge right now.
16	A. Not that I know of.
17	Q. Do you have any recollection that
18	Desoto sent PCBs to the site?
19	MR. TENENBAUM: Without reviewing documents?
20	MR. FORT: Yes.
21	A. No.
22	BY MR. FORT:
23	Q. If you were going to review documents
24	in order to understand that, what documents

1	would you look at?
2	Would those be the same documents we
3	have already talked about?
4	A. Yes.
5	Q. All right.
6 ,	A. Anything else we can get.
7	Q. Maybe we can work together on that one
8	Mr. Boice, do you consider yourself an
9	expert on the issue of what materials are
10	hazardous substances or not?
11	MR. TENENBAUM: Same objection as earlier.
12	MR. FORT: This is whether he considers
13	himself an expert. Not whether he is your
14	designated expert. The man's training is as a
15	chemical engineer.
16	MR. TENENBAUM: The same objection as
17	before.
18	A. You mean in the law regarding what is
19	hazar dous?
20	BY MR. FORT:
21	Q. Let me rephrase the question.
22	In your day-to-day work as a remedial
23	project manager, are you routinely expected to

make a determination of whether or not a

1	substance is a hazardous substance or not?
2	MR. TENENBAUM: Same objection.
3	A. You mean under the regulation?
4	BY MR. FORT:
5	Q. As you are doing your job, whether it
6	is under the regs or whatever it is that you
7	abide by.
8	A. Well, we make determinations whether it
9	is hazardous under the regulations.
10	Q. Okay.
11	A. If it is something more sophisticated
12	than that, I am not an expert in toxicology or
13	industrial accidents or things like that.
14	O. Okay.
15	One of the appendices to the remedial .
16	investigation for the site, Appendix F, deals
17	with making risk assessment determinations.
18	Are you generally familiar with that
19	document?
20	A. Yes.
21	Q. Okay.
22	With respect to your earlier testimony
23	about toluene, would you believe that this would
24	be a more thorough explanation of the potential

		•
•	1	hazardous nature of toluene or would you believe
	2	that your view is the better view?
	3	MR. TENENBAUM: I am going to object to
,	4	that. That is not a proper question.
1	5	Also it is seeking discovery into
	6	the what was that appendix?
	7	MR. FORT: It is Appendix F to the remedial
	8	investigation for Midco I is what I am looking
	9	at.
	10	MR. TENENBAUM: Who is the author of
	11	Appendix F?
_	12	MR. FORT: I don't know.
	13	It is entitled, "EPA modification to
	14	IARCA approach," is Appendix F-A. That is the
	15	one I am looking at. I am sorry, I am looking
	16	at Appendix F-C, which is, "Environmental fate
	17	and transport of the indicator chemicals for
	18	Midco I, Lake County, Indiana."
	19	I am sorry, I misspoke.
	20	MR. TENENBAUM: Well, is that marked as an
	21	exhibit?
	22	MR. FORT: Let me just show you, it is part
	23	of the record, I will stipulate to that.
<u>~</u>	24	Q. And I just direct your attention, Mr.
	ĺ	

1	Boice, to page C-5 of Appendix F, which deals
2	with in paragraph C.7 which is entitled,
3	"toluene."
4	I ask you to just take a moment to read
5	through those two paragraphs or so.
6	MR. TENENBAUM: Can we have those pages, two
7	pages marked as an exhibit?
8	MR. FORT: I don't think there is a need to.
9	If you want them marked, that is fine with me.
10	I didn't prepare it. I don't know who authored
11	it. If you want it.
12	MR. TENENBAUM: If we are going to have him
13	answer any questions on it, then it should be an
14	exhibit.
15	MR. FORT: I think it is pretty well
16	identified. If you want to take a while and
17	make copies, we can reserve a number.
18	I don't think you want to take that
19	whole thing.
20	MR. TENENBAUM: No. I would be just happy
21	with the cover page and the two pages.
22	MR. FORT: Okay. Let's reserve Exhibit 45
23	for that.
24	

1	(The document above-referred to
2	was marked Boice Deposition
3	Exhibit No. 45 for identification.)
4	Q. Mr. Boice, have you had a chance to
5	look at those paragraphs?
6	A. Yes.
7	Q. Do you disagree with the statements
8	that are made in there as to the characteristics
9	of toluene?
10	MR. TENENBAUM: Objection, no foundation and
11	it seeks expert testimony and/or legal
12	conclusions.
13	If you understand the question, you can
14	answer it if you know the answer.
15	A. As far as I can it appears as though
16	it is probably accurate. But, I'm not a
17	toxicologist, so I can't comment on the detail.
18	BY MR. FORT:
19	Q. Okay.
20	Earlier you said that toluene was
21	toxic. Does that excerpt say that toluene is
22	toxic or does it just say that it is flammable
23	or ignitable?

MR. TENENBAUM: The document speaks for

24

1

2

3

4

itself. He didn't write the document, did he? I don't see -- I will object to that question. No foundation.

Well, I don't put any special significance on what it says there. But, it doesn't particularly, specifically say it is toxic. That is true.

BY MR. FORT:

0. Thank you.

Mr. Boice, are you aware of any information that would indicate that my client Desoto is not in compliance with the unilateral administrative orders issued by EPA in late 1989?

- Α. Yes.
- 0. And what is that information?
- Α. The same as for the other parties I have already answered that question for. there were letters sent to the Agency, one was dated December 29. There were letters, follow-up letters in January, and I think one in February. And those letters indicated that they were not willing to comply with the order.
  - 0. Let's mark these as 46 and 47 then.

1	(The documents above-referred to
2	were marked Boice Deposition
3	Exhibit Nos. 46 and 47, respectively,
4	for identification.)
5	A. Where is the feasibility study thing?
6	That is not part of the record yet. You want
7	that in the record?
8	MR. TENENBAUM: Off the record.
9	(Discussion had off the record.)
10	MR. FORT: Back on the record.
11	O. Mr. Boice, we have marked two letters
12	as Exhibits 46 and 47. One being a December 29,
13	1989 letter on Sidley & Austin stationery
14	addressed to Mr. Michael Berman, and another one
15	dated January 19, 1990 also addressed to Mr.
16	Michael Berman again on Sidley & Austin
17	stationery. And both of those letters are
18	responses to the unilateral orders.
19	Have you seen these documents before?
20	A. Yes.
21	Q. And you reviewed these documents
22	before?
23	A. Yes.
2 4	Q. Okay.

1	Could you tell me where in Exhibit 46,
2	which is the December 29 letter, the respondents
3	there say they will not comply with the
4	unilateral administrative order?
5	A. Well, that is difficult to answer
6	because it was written in a very confusing
7	manner. But
8	MR. TENENBAUM: I would like the witness to
9	read the whole letter.
10	A. Okay.
11	BY MR. FORT:
12	Q. Mr. Boice, you have had a chance to
13	review both Exhibits 46 and 47 now?
14	A. No, just 46.
15	Q. Okay. Just 46. Okay.
16	What in Exhibit 46 do you believe
17	constitutes non-compliance with the unilateral
18	administrative orders?
19	A. Okay.
20	First of all, they say they will
21	construct and implement.
22	MR. TENENBAUM: Before you answer, let me
23	state just for the record, to the extent that
24	the question is seeking a legal conclusion, I do

register my objection to it. To the extent that it does not, it is factual, I will not object to it.

MR. FORT: Counsel, you have made an allegation in your complaint that we are not in compliance.

If this is not the witness, we need to know who the witness is that will assert that.

I appreciate your caveat, but let's let the witness answer.

A. What the respondent or respondents agreed to do was to install a RCRA compliance cap over the site and install a ground water extraction and treatment system.

And then they said they would discharge the collected ground water to a discharge system alternative selected pursuant to respondents' design work.

And the unilateral order and the record specifically stated that the discharge would either be to a deep well or to a shallow well, in such a manner that the plume would not -- the salt plume would not migrate.

And that, second, it says the:

1	"Installation of
2	the soil solidification/soil
3	vapor extraction system
4	described in Section V,
5	Paragraph D of the orders
6	"would be implemented " if
7	it is determined by the
8	parties or the court
9	decides, upon completion of
10	the treatability study still
11	to be performed, that,
12	following remediation of
13	presently contaminated
14	ground water, soil
15	solidification would be
16	effective and sufficient,
17	and consistent with the
18	National Contingency Plan,
19	to prevent the ground water
20	from exceeding ground water
21	clean up action levels
22	defined in the Midco
23	feasibility studies."
24	And those criteria are inconsistent

with the record of decision. 1 2 The record of decision says that the unilateral order that soil solidification/vapor 3 4 extraction system be conducted on the soil. 5 that was -- to comply with the order, you have 6 to implement what was provided for in the order. 7 Let's take those two items that you 8 have identified, that this letter said that 9 there will be a discharge to a point pursuant to 10 the design work. 11 Is there anything in this commitment to 12 do the design work that precludes either a deep 1.3 well or a shallow well disposal of the extracted 14 and treated ground water? 15 MR. TENENBAUM: Same objection. 16 But --A. No. 17 BY MR. FORT: 18 Okay. Q. 19 No, okay. 20 Let him finish. MR. TENENBAUM: 21 Α. No, but --22 MR. TENENBAUM: He is in the middle of a 23 sentence and you are interrupting him.

A.

24

The R.O.D. provided for those options

for the disposal of ground water. To comply with the ground water, you have to agree to implement the -- proceed in accordance with the procedures provided in the order.

BY MR. FORT:

- Q. In your view as to the ground water discharge issue, the non-compliance is because the respondents here said they wanted to investigate other options beyond those specifically mentioned in the record of decision or specifically mentioned in the unilateral order, correct?
- A. That's not what the letter said. It says you are going to select it pursuant to the design work.
- Q. But what is going to be covered by the design work?
- A. EPA already selected the remedy in the record of decision dated June 30, 1989.

The unilateral order provided for implementing this remedy selected by USEPA, which was in accordance with all the Agency procedures, including public comment period, reviewing public comments, including comments

1	from the respondents.
2	And so we went through all those
3	procedures already. We determined the proper
4	procedures for discharging the ground water and
5	then we issued an order, ordering you to
6	implement the remedy in accordance with the
7	procedures selected by the Agency.
8	Q. What is the remedy under the record of
9	decision for handling the extracted ground
10	water?
11	A. That's in the record of decision.
12	Q. Is it one or two items?
13	A. Is what one or two items?
14	Q. Is it going to the deep well,
15	necessarily?
16	Is it going to the deep well,
17	necessarily?
18	MR. TENENBAUM: The record of decision
19	MR. FORT: Let him answer the question
20	please, counsel.
21	Q. Is it going to the deep well,
22	necessarily?
23	A. There were two options. It can either
24	be deep welled or it could be

So after the Agency had the feasibility 1 0. 2 study in hand, after going through the public 3 comment period. When it gets down to the record 3 4 of decision, it ended up still with at least two 5 options, correct, either a deep well. And within that wasn't there two 6 7 issues, whether or not the hazardous 8 constituents were treated or not treated before 9 discharge, and also the shallow well, within a 10 slurry wall, correct? 11 MR. TENENBAUM: Objection. 12 Α. That's correct. 13 Okay. 0. 14 So even after the record of decision, 15 there was more work which needed to be done 16 before the point of discharge was determined, 17 correct? 18 MR. TENENBAUM: Same objection. 19 But this provides for --Α. Yes. BY MR. FORT: 20 21 Q. Let me --22 -- pursuant to the respondents' design Α. 23 work. 24 Q. Sir, wait a minute, answer the

question, don't argue with me. Answer the 1 2 question. The unilateral order provided for EPA 3 to select the procedure for disposing of the 4 5 ground water. Not the respondents. 6 Q. Okay. 7 Let's go back. Now you have introduced 8 another problem, which is that EPA was to select 9 not the respondents. 10 11 12

After going through the studies that were done, there was still design work needed before a decision could be made even by the Agency as to whether or not to put the treated ground water in a deep well or into a shallow well, correct?

- A. That's correct.
- Q. Okay.

Now, the other problem that you identified or non-compliance is that solidification would be performed only after the treatability study is done, and if either the parties agreed or the court made a decision.

Is that the other problem that you have, the non-compliance with the orders?

23

13

14

15

16

17

18

19

20

21

22

1020 Chiango

1	A. Yes.
2	Q. Okay.
3	Now, does EPA know for sure that
4	solidification will be done
5	A. No.
6	Q. ~- regardless?
7	A. No. No.
8	But, EPA is going to determine whether
9	or not it should be implemented based on the
10	treatability study.
11	O. The treatability study has to be done
12	before a final decision is made on that; is that
13	correct?
14	A. That's correct.
15	O. Okay.
16	And under Agency guidance, treatability
17	studies are supposed to be done as part of the
18	feasibility study, aren't they?
19	MR. TENENBAUM: Objection.
20	A. Not necessarily.
21	BY MR. FORT:
22	Q. Is that what the National Contingency
23	Plan says?
24	MR. TENENBAUM: Objection.

1	A. What?
2	BY MR. FORT:
3	Q. That treatability studies are supposed
4	to be done as part of a feasibility study?
5	A. It advises that it be.
6	MR. TENENBAUM: Hold it. Same objection.
7	A. That treatability studies be conducted
8	as soon as possible in the feasibility process.
9	BY MR. FORT:
10	O. And treatability studies are supposed
11	to be done before there is even a record of
12	decision entered; is that right?
13	A. That is not true.
14	O. That's not true?
15	A. They don't have to be done.
16	Q. What authority do you have for that
17	statement, is that your opinion?
18	MR. TENENBAUM: Objection, calls for a legal
19	conclusion.
20	MR. FORT: He has already given his legal
21	conclusion.
22	MR. TENENBAUM: I have objected to all of
23	those questions.
24	MR. FORT: Okay. Fine.

1	Q. Your answer?
2	A. The Mational Contingency Plan.
3	Q. It is in the National Contingency Plan?
4	A. Yes.
<b>5</b>	Ω. Okay.
6	We have talked about the respondents
7	here investigating things in addition to the
8	deep well or shallow well option for the ground
9	water, and we have talked about
10	A. No, we didn't talk about that.
11	We talked about it says right here
12	either the court or the respondents somehow, I
13	think. See what it says. It means the parties,
14	and that includes you, it says the court will
15	make the decision.
16	. We aren't talking about just doing an
17	evaluation.
18	Q. Where does it say anything about the
19	court with respect to ground water?
20	A. I thought you were talking about
21	solidification.
22	Q. No. I am just talking about ground
23	water, hadn't gotten to solidification yet. You
24	are reading my mind

\_ . .

1	A. Okay. Okay.
2	Regarding ground water, it is saying it
3	is going to be selected pursuant to the
4	respondents' design work.
5	Q. Okay.
6	Does it say who is going to select it?
7	A. No, but it implies the respondents
8	will.
9	Q. But the words "respondents make a
10	decision" is not there?
11	A. We sent you a follow-up letter asking
12	you to clarify it.
13	Q. Okay.
14	A. Obviously, as I stated before, this
15	letter is very ambiguous. It is hard to figure
16	out what you are committing to do.
17	Q. Okay.
18	Well, it is fairly clear in paragraph
19	1, isn't it, that we are going to complete the
20	remedial action and remedial design work plans?
21	MR. TENENBAUM: Objection.
22	BY MR. FORT:
23	Q. That was stated on page 1, paragraph 1
24	A.

1	A. That is what it says.
2	But, based on the entire letter, it is
3	very ambiguous as to what you are going to do.
4	I don't think the Agency can determine what you
5	were really committing to do based on this
6	letter.
7	Q. You say that the Agency doesn't know
9	what we are going to do when we say we intend to
9	comply with the terms of the orders by
10	completing the remedial action, remedial design
11	work plans. That's ambiguous?
12	MR. TENENBAUM: Objection.
13	Mischaracterizes the testimony when you
14	selectively quoted.
15	MR. FORT: I am reading from the letter,
16	counsel. I am asking him for his testimony.
17	MR. TENENBAUM: You are reading from only a
18	portion of the letter. He has already testified
19	about the whole letter.
20	Go ahead. If you understand the
21	question, you can answer.
22	BY MR. FORT:
23	Q. Okay.
24	You still believe that paragraph 1 A is

1	ambiguous?
2	A. Well, paragraph 1 A is not ambiguous.
3	But, if you read the whole letter, the second
4	page is inconsistent with that statement.
5	You are not committing to implement the
6	remedial action, remedial design work plan as
7	provided for in the unilateral administrative
8	order from EPA.
9	O. What did we say we were going to do
10	that was inconsistent with remedial action and
11	with completing the remedial action remedial
12	design work plans?
13	A. Didn't I just say that?
14	We have been spending the last 15
15	minutes talking about that.
16	Q. Counsel, let's just go ahead.
17	Now, you think this letter was
18	ambiguous. Directing your attention to Exhibit
19	number 47.
20	MR. TENENBAUM: He hasn't reviewed that one
21	yet.
22	BY MR. FORT:

to review it. It is a short letter.

23

24

Q. I would like you to take a minute then

Mr. Boice, have you had a chance to 1 2 look at Exhibit 47? 3 Α. Yes. Are you making a few notes there on the 0. document itself? 5 No, I am just marking it. б Α. Let the record reflect the witness has 7 8 just made a couple of notations in the lefthand 9 margin. Not a notation. I made marks on the 10 Α. 11 document. 12 0. I stand corrected. Mr. Boice, what in this document 13 14 indicates that the companies on whose behalf it 15 was submitted, which is Pre Finish Metals, Insilco and Desoto, are not in compliance -- as 16 of the date of this letter, were not in 17. compliance with the unilateral administrative 18 19 orders? 20 I objected to that before. MR. TENENBAUM: 21 I am not an attorney, but it indicates 22 that they were not willing to -- that if they 23 complied, they were also going to litigate the

remedy.

BY MR. FORT: 1 2 That was no, that's non-compliance with 0. the order? 3 4 MR. TENENBAUM: Same objection. 5 Α. Yes. 6 Because under Section 106, the 7 respondent can't litigate the remedy and obey 8 the order at the same time. They obey the order 9 and then they can litigate after completion of 10 the remedial action. 11 BY MR. FORT: 12 Is that your view of the law? 13 MR. TENENBAUM: Same objection. 14 That's advice from counsel. Α. Yes. 15 Is there any technical information --16 MR. TENENBAUM: Confine your answers. 17 BY MR. FORT: 18 I am going to ask him, Mr. Tenenbaum, 19 you can make notes, and you can rehabilitate Don't educate him here. I am going to ask 20 him. 21 this question. 22 Is there any technical information 23 other than what your counsel has told you about 24 the law, that would say that we have not

complied with the unilateral administrative 1 2 orders by virtue of this letter, Exhibit 47? 3 MR. TENENBAUM: Can you read back the 4 question, please. 5 (The record was read.) б Same objection. 7 Α. Yes. Well, that is technical information, 8 you are technically not willing to comply with 9 10 the order. 11 BY MR. FORT: 12 0. Where does it say that in this letter? 13 It says that you will start Α. 14 implementing the order, and then you'll litigate 15 over the remedy. 16 Ω. It doesn't say we are going to start. 17 It says that we will proceed to do the 18 work required by the orders, including all 19 design work, and thereby be in compliance until 20 the administrative orders are superseded by an order of the court. 21 22 That is what it says, doesn't it, page 2, concluding sentence of Exhibit 47? 23 24 That is what I said, I said you will

1	start implementing the order.
2	MR. TENENBAUM: Objection to the selective
3	limitation.
4	MR. FORT: I will agree with counsel the
5	document speaks for itself.
6	I was concerned with his suggestion
7	that we were going to start and not pursue it.
8	O. In fact, did not Pre Finish Metals,
9	Desoto and Insilco start their compliance with
10	the order by nominating the engineer, is that
11	correct?
12	MR. TENENBAUM: Same objection.
13	A. I wouldn't consider that starting.
14	BY MR. FORT:
15	O. Well, isn't the first thing we were
16	supposed to do under the orders is to nominate
17	the engineer for approval by EPA?
18	MR. TENENBAUM: Same objection.
19	A. Well, since you didn't indicate you
20	would comply with the order, I can't see how you
21	can consider that starting any work under the
2 2	order.
23	BY MR. FORT:
24	Q. Did you ever send us a letter saying we

1	disapprove your designation of Dr. Ball?
2	A. Well, we never got to that because you
3	never indicated you had complied with the order.
4	Q. Did you send us a letter before January
5	19, 1990 saying don't even bother to nominate
6	your engineer, we are not interested?
7	A. Of course not.
8	Q. Okay.
9	In fact, you knew three weeks earlier
10	with the December 29 letter what you viewed our
11	position to be, correct?
12	MR. TENENBAUM: Objection.
13	A. I don't know what you are talking
14	about.
15	BY MR. FORT:
16	Q. Didn't you get Exhibit 46, the December
17	29 letter?
18	A. I don't know what you are talking
19	about.
20	Q. When did you get, first see Exhibit No.
21	46, dated December 29, 1989?
22	A. I think it was probably December 29 or
23	maybe a few days afterwards.
24	O. Okay.

So you had this letter for three weeks, 1 almost three weeks, and did not tell the 2 3 respondents don't even bother to nominate your 4 engineer, correct? MR. TENENBAUM: Objection. 5 6 Α. Wait a minute now. Your first letter 7 doesn't name the engineer. It is the second. 8 BY MR. FORT: 9 I know. We told you what we were going Q. 10 to do on December 29, that is Exhibit 47, as to 11 Desoto Insilco and others, correct? Is that 12 right? 13 What was your question? Α. 14 MR. TENENBAUM: Asked and answered. 15 BY MR. FORT: 16 That is a good one. 0. 17 You saw Exhibit No. 46 on or about December 29, 1989, correct? 18 19 On or afterwards, yes. Α. 20 Okay. Q. 21 Between that date, the first thing that 22 the respondents were supposed to do under the 23 administrative orders was to nominate an 24 engineer, correct?

1 MR. TENENBAUM: Objection. Asked and 2 answered. Asked and answered. 3 BY MR. FORT: 4 0. You can answer. 5 That's correct. 6 Q. Okay. 7 And that was basically three weeks 8 after we were supposed to give you our so-called 9 intent to comply letter? 10 Α. I would have to look at the order. 11 Okay. Q. 12 Between December 29 and January 19, did you or are you aware of the Agency sending any 13 14 correspondence to the respondents saying do not 15 bother to nominate an engineer, we are not going to proceed with allowing you to comply with the 16 17 administrative orders? 18 We didn't send any letter like that. 19 We sent you a letter asking for clarification, 20 because you didn't indicate compliance with the 21 order. 22 When did you send that letter? 0. I would have to look it 23 I don't know. 24 up.

1	Q. Was it before or after
2	A. They were also some verbal
3	communications also.
4	Q. Did you talk to anybody for Desoto?
5	A. Did I personally talk to anybody?
6	Q. Yes.
7	A. No.
8	Q. Do you know if any of your colleagues
9	talked to anybody with Desoto or representing
10	Desoto?
11	A. I would have to discuss it with my
12	colleagues.
13	Q. Do you know if this other communication
14	occurred before or after January 19, 1990, the
15	date of the Exhibit 47 letter?
16	A. I would guess, I believe it occurred
17	before.
18	Q. How would you know whether or not it
19	did or not?
20	A. I would have to go
21	MR. TENENBAUM: He told you he was guessing.
22	Do you want him to guess?
23	A. We are continuing to ask questions
24	about

MR. TENENBAUM: I don't think he wants you 1 2 to quess. Just state what you know. 3 BY MR. FORT: 4 No, he doesn't recall. I want to know what kind of 5 6 documentation might refresh his recollection? 7 I would have to go back and look at the Α. 8 files and discuss it. 9 0. Is there anything in the administrative 10 record that would refresh your recollection on 11 that issue? 12 Α. No. 13 MR. FORT: Counsel, we have asked on behalf 14 of Desoto for documentation such as this, both 15 in terms of our discovery request and in terms 16 of our 30 (b) 6. 17 We have no other documentation of any 18 sort, whether it is a telephone memo or 19 whatever. Are you representing to us that there 20 is no other documentation? 21 MR. TENENBAUM: Documentation on what was 22 that? 23 That he just referred to. MR. FORT: 24 Anything in his files about when letters were

1	sent or telephone calls were made, or whatever.
2	Q. Mr. Boice, are there such documents?
3	MR. TENENBAUM: Let me just
4	You don't have copies of letters that
5	were sent to you?
6	MR. FORT: I don't know what letter he is
7	talking about that predates January 19, 1990, if
8	there is a letter.
9	MR. TENENBAUM: It says January 9 right in
10	the second letter. It says there is a January 9
11	letter.
12	A. Right.
13	It says we sent you a letter dated
14	January 9, 1990.
15	BY MR. FORT:
16	Q. Is that the only documentation that you
17	are aware of is the January 9, 1990 letter?
18	MR. TENENBAUM: Through January 19?
19	A. I would have to look. I would have to
20	check around.
21	BY MR. FORT:
22	Q. Is there any documentation in the files
23	other than is this January 9, 1990 letter in
24	the administrative record?

1	A. No.
2	O. These documents are also not in the
3	administrative record, correct?
4	A. No.
5	Q. Why are they not in the administrative
6	record?
7	A. Because the
8	MR. TENENBAUM: Hold it a second.
9	Discovery into the compilation of the
10	administrative record is not a permissible
11	question. Let me object to it.
12	MR. FORT: I don't care if it is an
13	administrative record or production of
14	documents. We didn't
15	MR. TENENBAUM: They are your letters.
16	MR. FORT: I am not asking you to produce
17	these letters. I am not asking for that. Nor
18	am I asking for the January 9 letter.
19	But, I am curious as to why these
20	documents are not in the administrative record
21	for the unilateral administrative orders.
2 2	MR. TENENBAUM: Is it your position that
23	your compliance with those orders should be
24	judged on the basis of the administrative

1	record?
2	MR. FORT: That's your position, not mine.
3	MR. TENENBAUM: I didn't take any position.
4	on the issue of compliance.
5	MR. FORT: Counsel, you have objected on
6	sufficient cause and everything else, including
7	penalties, of going beyond that record.
8	I am a little bit surprised at your
9	position here.
10	MR. TENENBAUM: I haven't stated what my
11	position is. But, I don't hear you asking about
12	sufficient cause and penalties. I hear you
13	asking about something else.
14	A. The record is for the issuance of the
15	order.
16	BY MR. FORT:
17	Q. Okay.
18	A. It is documents considered or relied
19	upon for the issuance of the order.
20	Q. Okay.
21	Do you agree with the statement made in
22	this Exhibit 47, that is, in the second
23	paragraph, the January 19 letter, it is the
24	sixth line down:

1	"However, as we
2	have discussed, the orders
3	do not preclude us from
4	investigating, proposing a
5	ground water discharge
6	alternative, in addition to
7	those options already
8	identified in the orders."?
9	MR. TENENBAUM: Which part of that are you
10	asking him if he agrees with, whether there were
11	discussions with Mike Berman?
12	MR. FORT: As to the second part as to the
13	orders.
14	MR. TENENBAUM: You are asking for him to
15	interpret the orders?
16	MR. FORT: He said he wrote them, so I think
17	that is a fair question.
18	MR. TENENBAUM: I will object. That calls
19	for a legal conclusion.
20	BY MR. FORT:
21	Q. Mr. Boice, do the orders prohibit the
22	respondents from investigating things in
23	addition to the specific things required to be
24	investigated under the orders in terms of the

1	design work?
2	MR. TENENBAUM: If you know the answer, you
3	can answer it, but same objection.
4	A. No.
5	BY MR. FORT:
6	Q. They do not prohibit other activities,
7	right?
8	A. No.
9	O. Okay.
10	So as to investigating additional
11	ground water discharge alternatives, options,,
12	that is not inconsistent with the order, is it?
13	MR. TENENBAUM: Same objection.
14	A. No.
15	BY MR. FORT:
16	Q. Okay.
17	Now, as to the next sentence, with
18	regard to soil solidification:
19	"Work on the design
20	for this remedy shall also
21	proceed in accordance with
22	the orders."
23	Work on the design for solidification
24	proceeding in accordance with the orders is also

1	consistent with the orders, isn't it?
2	MR. TENENBAUM: Same objection.
3	A. That is in accordance with the orders,
4	yes.
5	BY MR. FORT:
6	Q. Okay.
7	So, isn't it true that the real
8	difficulty here is the final paragraph, which
9	talks about proceeding to comply with the orders
10	until there is a trial, and until there is a
11	decision by the court which supersedes the
12	orders, correct?
13	MR. TENENBAUM: Same objection.
14	A. That is basically correct. Yes. You
15	were going to litigate the remedy, basically.
16	BY MR. FORT:
17	Q. Do you believe that that action is
18	inconsistent with the partial consent decree?
19	MR. TENENBAUM: Same objection.
20	A. What action?
21	BY MR. FORT:
22	Q. The action to comply with the orders
23	and also litigate at the same time.
24	MR. TENENBAUM: Same objection.

1 Α. What partial consent decree? You mean 2 the 1985 partial consent decree? 3 BY MR. FORT: 4 0. Yes. 5 MR. TENENBAUM: Do you want his legal interpretation of the decree, is that what you 6 want? 7 8 MR. FORT: His belief. MR. TENENBAUM: Same objection. 9 10 MR. FORT: His belief. 11 MR. TENENBAUM: If you have a legal belief 12 on the meaning of the decree, I suppose you can 13 answer. 14 MR. FORT: He has to have a working 1.5 understanding of the decree. It has been 16 governing his activities at the site for several 17 years now. Same objection. 18 MR. TENENBAUM: 19 Well, I am not an attorney. But, it Α. 20 does state in the decree that we reserve our 21 rights under Section 106. Something to that 22 effect. 23 BY MR. FORT: 24 Your rights under 106 are, you believe, Q.

1	to issue unilateral administrative orders?
2	MR. TENENBAUM: Same objection.
3	A. Under Section 106. Right.
4	BY MR. FORT:
5	Q. Okay.
6	There is another part of the decree
7	that says there will be a trial within a certain
8	period of time if there is no agreement on a
9	remedy, correct?
10	MR. TENENBAUM: Same objection.
11	A. That's correct.
12	BY MR. FORT:
13	n. Okay.
14	So, do you believe that the action of
15	proceeding to litigate the issues in dispute is
16	inconsistent with compliance with the unilateral
17	administrative orders?
18	MR. TENENBAUM: Same objection.
19	A. Yes.
20	BY MR. FORT:
21	O. What is the basis for that view?
22	MR. TENENBAUM: Same objection.
23	A. What is the question, the basis of the
24	view?

BY MR. FORT:

Q. Maybe y

the first time.

Would y

which the witnes

The mail in the second in the

Q. Maybe you didn't understand my question the first time.

Would you read back the question to which the witness answered yes.

(The record was read.)

MR. TENENBAUM: Same objection.

I will add the objection that you made, your question is vague and ambiguous because it is not specified about when you were talking about litigating them.

MR. FORT: All right. I will rephrase the question.

MR. TENENBAUM: And also whether or not you are talking about litigating at the same time you are talking complying.

MR. FORT: I am talking about litigating at the same time as compliance.

Q. Do you believe that the actions
expressed here by Pre Finish Metals, and Insilco
Corporation, and Desoto, at least as to
Desoto -- I don't answer as to the other two -as to Desoto, of intending to comply with the
orders and at the same time proceeding to

9

10

11

12

13

14

1	exercise rights to a trial under the partial
2	consent decree is a violation, concurrently is a
3	violation of the unilateral administrative
4	orders?
5	MR. TENENBAUM: That is to litigate before
6	you have completed?
7	MR. FORT: While we are doing the design
8	work, while we are proceeding to comply.
9	MR. TENENBAUM: Same objection.
10	You can answer, if you know the answer.
11	A. Yes.
12	You weren't will to implement the
13	remedy. Basically you weren't willing to
14	implement the unilateral order because you
15	wanted to litigate the remedy.
16	BY MR. FORT:
17	Q. So in your view the partial consent
18	decree reserves EPA rights to issue a 106 order,
19	but you can ignore the rights to a trial at the
20	same time?
21	MR. TENENBAUM: Objection.
22	A. No. You can have your trial on other
23	issues.
24	

BY MR. FORT: 1 2 The consent decree says --Q. Or you cannot comply with the order and 3 Α. then you will have the trial. 5 The consent decree says that the trial 0. 6 will be held within, I think it is, eleven 7 months of the time that there is a -- 270 days of the times that there is a breakdown in 8 9 settlement negotiations. 10 Do you accept that time period? 11 MR. TENENBAUM: Objection. You are mixing 12 apples and oranges. 13 BY MR. FORT: 14 0. You may answer. 15 Α. I don't think it is my place to accept. 16 It is the court sets the schedule. 17 The consent decree sets the schedule? 0. 18 MR. TENENBAUM: Objection. 19 What is your question? Α. 20 MR. TENENBAUM: Hold on. The question is 21 vague and ambiguous, because you are not making 22 clear at this point -- you are not making clear

as to what you are talking about in terms of

complying or not complying and so on.

23

The issues have all been briefed and 1 2 are before the court. 3 BY MR. FORT: 4 I am asking for this witness. 5 Somebody is going to have to say that 6 we are not in compliance. And I haven't heard 7 anything yet as to how we are not in compliance. 8 Wait a minute. I said a lot of things 9 that you are not, that is what we have been 10 talking about for the last hour. How can you 11 say we haven't talked about that? 12 0. Okay. We will let the transcript deal 13 with that issue here. 14 Let's mark this as, these as 48 and 49. 15 (The documents above-referred to 16 were marked Boice Deposition 17 Exhibit Nos. 48 and 49, respectively, 18 for identification.) 19 Mr. Boice, I would like you to look at 20 what we have marked as Exhibits 48 and 49. Exhibit 48 is a document that begins 21 22 with a Bates stamp at the bottom of 2000354. 23 The date isn't very legible. It is called an, 24 "Action memorandum - Ceiling increase request

1	things.
2	Do you know who prepared this document,
3	Exhibit 48?
4	MR. TENENBAUM: Is this relevant to a
5	non-record issue?
6	MR. FORT: It is relevant to the issue of
7	costs and potential liability, but certainly the
8	issue of costs.
9	I couldn't find the dollars that are
10	talked about this document being included in
11	what was available to me before late yesterday
12	as a cost item, so it relates to the cost.
13	MR. TENENBAUM: Is it all right with you if
14	he says who prepared the cost portion?
15	MR. FORT: I don't care.
16	MR. TENENBAUM: The cost portion.
17	A. Who prepared?
18	MR. TENENBAUM: The cost information.
19	A. It was prepared by our what is it
20	called the group that does immediate removal
21	actions, emergency response branch.
22	BY MR. FORT:
23	Q. Okay.
24	A. Probably the cost estimates were

1	prepared by their technical assistance team,
2	with support from the technical assistance team
3	contractor.
4	Q. The emergency response branch is not
5	your branch, correct?
6	A. Correct.
7	Q. Okay.
8	Who would have signed off on this
9	document before Mr. Adamkus signed it?
10	Who would have had to have approved
11	this document before Mr. Adamkus approved it.
12	MR. TENENBAUM: The cost part?
13	MR. FORT: Yes.
14	MR. TENENBAUM: If you know.
15	A. Signed off by the coordinator, the
16	Illinois-Indiana coordinator, probably.
17	· BY MR. FORT:
18	Q. Who was that person at that time?
19	A. I'm not sure. It might have been Judy
20	Beck.
21	And before then Bob Bowden or, I mean,
22	Constantelos, Basil Constantelos, okay, division
23	director.
24	Q. So Mr. Constantelos, who has signed

1	these unilateral orders, would have had also had
2	to have approved of this memorandum before it
3	was sent in?
4	A. Probably.
5	Q. Did the emergency response branch
6	coordinate with you at all in terms of what was
7	going on at the site or the conditions at the
8	site?
9	MR. TENENBAUM: You have now left costs?
10	MR. FORT: I am trying to figure out if
11	these costs are the same as his costs.
12	I am trying to figure out where this
13	thing came from.
14	MR. TENENBAUM: Your question is whether
15	these cost are reflected in the cost documents
16	he gave you yesterday?
17	MR. FORT: I will get to that. But just let
18	me ask the question. That is where I am going.
19	But, I am trying to figure out what is going on
20	here.
21	MR. TENENBAUM: Well, if these people had
22	communications with you as to the costs of their
23	work they were doing, tell him.
24	A. No.

1 It was developed independently by the emergency response branch. 3 BY MR. FORT: Q. Okay. 5 Do you know if the dollars talked about 6 here which would -- talked about are 2.877 7 million. Strike that. 8 Do you know if this Exhibit 48 was 9 approved by the people in Washington, Mr. 10 Porter? 11 Α. I don't know whether it was or not. 12 This document indicates that there was 0. already authorized funds of \$2,887,800, which 13 14 had been approved December 24, 1986. Directing 15 your attention to the first paragraph of Exhibit 16 8. 17 Α. Yes. 18 Do you know if the any of that 2.8 Q. 19 million-plus dollars had been spent as of the 20 date of this document, July of '88? 21 MR. TENENBAUM: Objection, no foundation. 22 Whether any of this 2.8 million dollars A. 23 had been spent? 24 BY MR. FORT:

	1
	2
	3
	4
	5
	6
	7
	8
	9
1	0
1	1
1	2
1	3
1	4
1	5
1	6
1	7
1	8
1	9
2	0
2	1

23

24

Q.	Yes.	,

- A. Yes.
- Q. What had been spent, or do you know what activities had been conducted that would have been charged against this 2.8 million dollars?
- A. Well, that included according to this, including removal of burnt out drums from the site, ten above ground storage tanks. And removal from the site of drums that contained chemical wastes, including PCBs.

And then on a separate, another action, they excavated a sludge pit and filter bed that was used for disposal of wastes. And those were at this date at least partially taken off the site.

- Q. Do you know whether or not the costs that are reflected in this document, Exhibit 48, have been picked up in the cost documentation that you brought with you yesterday?
- A. Yes. It should be in the cost documentation.
- Q. So the activities covered in this memorandum are those -- at least the ones that

1 had been previously authorized -- are included 2 in the monies that you are seeking to recover in this litigation now, correct? 3 Α. Correct. 5 MR. TENENBAUM: From who? 6 MR. FORT: From the defendants. 7 MR. TENENBAUM: Well, different monies are being sought against different defendants. I 8 don't know if that applies to here. 9 10 MR. FORT: O. It was a general question. 11 There may be pieces that go different ways. 12 MR. TENENBAUM: Well, it isn't in conformance with the pleading if you don't ask 1.3 14 him which defendants. The materials he gave you 15 yesterday had two parts to it. You are not 16 differentiating, but go ahead. 17 BY MR. FORT: 18 Mr. Boice, is any of the money that has Q. 19 been spent as reflected in this document, items 20 that the government is seeking to recover from 21 Desoto and the other defendants at this time in 22 this case? 23 We are, Desoto is included in that. Α. 24 Yes.

1	Q. Okay.
2	How much of this 2.8 million dollars is
3	money that you are trying to recover from Desoto
4	and the other defendants in this case?
5	A. Well, some of this was covered under
6	the 1985 consent decree.
7	O. Let me ask that question.
8	How much of the 2.8 million dollars
9	were covered by the 1985 consent decree?
10	A. I would have to look it up in our
11	costs.
12	Q. To understand that, you would have to
13	go to the cost summary documents that you gave
14	us yesterday?
15	A. Yes.
16	Q. Okay.
17	A. It is labeled there under the ERCS
18	contract.
19	Ω. I am sorry, under which contracts?
20	A. ERCS. E-R-C-S.
21	Q. What does that stand for?
22	A. I don't know.
23	Ω. Okay.
24	When you were collecting documents, did

1	you obtain this document from the emergency
2	response branch?
3	A. This document would have been from the
4	emergency response branch. Yes.
5	Q. And you know that it came from their
6	files?
7	A. Probably. At least it originated from
8	their files.
9	Q. Okay.
10	And it is your testimony that this
11	document is a document that was prepared by one
12	or more appropriate individuals in the emergency
13	response branch, correct?
1 4	A. Yes.
15	Q. Do you know whether or not this
16	document was considered by Mr. Constantelos when
17	he signed the unilateral administrative orders?
18	A. Well, it was. If it was in the
19	administrative record, it was considered.
20	Q. Is Exhibit 49 apparently an earlier
21	version of the same document that came to be
22	MR. TENENBAUM: Excuse me. He had answered,
23	but I do want for the record state my objection
24	to the last question.

I think it is discovery into record 1 2 discovery matters, but go ahead. 3 BY MR. FORT: Is Exhibit 49 just an earlier draft of 4 the same request as we find in Exhibit 48? 5 It appears to be. Once it goes over \$2 6 Α. 7 million, the document has to be approved by headquarters, J. Winston Porter. 8 So, it is 9 possible that the first one was never approved. You don't think that this is two 10 Q. 11 different requests; you think they are just the 12 same basic request to removal additional material from the Midco 2 site? 13 14 That is what it looks like from my Α. preliminary review of the document, my brief 15 16 review of the document. 17 When was the first time that you 0. personally saw this document, Exhibit No. 48 or 18 19 Exhibit No. 49 for that matter, the earliest 20 that you saw either of those documents? 21 I'm sure I have seen them before, but I don't know. 22 23 Did you see them in early 1988? Q. 24 I don't know. Α.

1	Q. Mr. Adamkus signed this as the regional
2	administrator; is that correct?
3	A. Yes.
4	Q. And he is the same person that signed
5	the record of decision here?
6	A. That's correct.
7	Q. Do you know if this document was ever
8	provided to ERM or to the Midco trustees before
9	its inclusion in the administrative record?
10	A. I don't think it was, no.
11	Q. Okay.
12	A. Not that I know of.
13	Q. Okay.
14	And your testimony is that these costs
15	would be reflected in the cost documents that
16	you brought with you yesterday, correct?
17	A. That's correct.
18	MR. FORT: Okay.
19	. I have more questions on the cost
20	issue. But, I think it would be fruitless for
21	me to go through those cost issues until we have
22	had a chance to look at them. And maybe Mr.
23	Karaganis' questions next week will resolve all
24	those questions.

So with that, subject to the resolution 2 of the various motions on the scope that this deposition can take, I think it is the best use 3 4 of everybody's time to let somebody else ask 5 some questions. So I want to make sure you understand, 6 7 Mr. Tenenbaum, that I am reserving rights to ask further questions after the court resolves it, 8 9 and certainly on the cost information. 10 And I will talk with my co-counsel and will try to share notes, so that I will not have 11 12 to ask any other questions that they are intending to ask. 13 14 But, I reserve the right to defend my 15 client and ask the questions I feel need to be 16 asked, if that is necessary. But, if we get to 17 that point, then we can argue about it. 18 MR. TENENBAUM: The cost issues? 19 MR. FORT: Any other issues that I may not 20 have covered. MR. TENENBAUM: We reserve the right to 21 22 object to that. 23 MR. FORT: I understand you do. 24 MR. TENENBAUM: You have had two chances at

1 the witness. 2 MR. FORT: Not covered by what we have 3 talked on today, of course, is your instructions on the Desoto waste materials. Let me ask one 4 5 question on that. 6 0. Mr. Boice, do you plan to review the 7 Desoto documentation, either the 104 E response, 8 the permit application, or anything else prior 9 to trial? 10 MR. TENENBAUM: Objection. 11 Α. I don't have any plan. 12 MR. FORT: Okay. 13 If those plans change, we would request 14 that --15 MR. TENENBAUM: He said he didn't have any 16 plans one way or the other. 17 MR. FORT: I just asked if those plans change that you let us know. This witness has 18 19 no firsthand knowledge, he is not planning on 20 reviewing anything. MR. TENENBAUM: He didn't say. He had no 21 22 plans one way or the other. He didn't say he 23 was not planning on it. He has no plans one way or the other. 24

1 I have no plans one way or the other. 2 BY MR. FORT: If your plans change and you 3 do have plans, we would request the opportunity to continue that line of questioning. 5 But, for the moment I have nothing 6 further. Thank you. 7 Do you want to take a lunch break right 8 now? 9 MR. TENENBAUM: Off the record. 10 (Discussion had off the record.) 11 DIRECT EXAMINATION 12 BY MR. ADAMS: 13 Mr. Boice, my name is John Adams. O. 14 one of the attorneys that is handling the case, 15 the third-party case for the third-party 16 defendants. And I just have a few questions 17 relating to the third parties. 18 Several times in your testimony you 19 have used the term Dehart documents, which you 20 explained were shipping papers, check stubs and 21 similar documents; is that correct? 22 Α. That's correct. 23 I will use the term Dehart documents in Q. 24 my questioning, and I mean by that term the same

1	thing that you meant by it when you used it.
2	Does the EPA have in its possession at
3	this time the original Dehart documents?
4	A. I believe it does.
5	O. Do you know when the EPA obtained those
6	documents?
7	A. I don't know exactly when it was.
8	Q. Do you know from whom EPA obtained
9	those documents?
10	A. No, I don't.
11	I presume it was from Ernest Dehart.
12	Q. Do you know who in EPA would have
13	knowledge of the circumstances under which these
1 4	documents were obtained by EPA?
15	A. Yes.
16	Q. Who would that be?
17	A. Counsel.
18	Q. Mr. Berman?
19	A. Yes.
20	Q. Just for the record, you do not do
21	you have here in this room the Dehart documents?
22	A. We have got a copy of the Dehart
23	documents. Yes.
24	Q. But not the originals?

1	A. No.
2	O. Is that all of the Dehart documents or
3	only those that relate to the defendants?
4	A. It is only the ones related to the nine
5	generator defendants, not all of them.
6	MR. BERMAN: Can we go off the record for a
7	minute?
8	MR. ADAMS: Sure.
9	(Discussion had off the record.)
10	A. No, that's right. We have got all the
11	Dehart documents here.
12	MR. TENENBAUM: Off the record for a second.
13	(Discussion had off the record.)
14	MR. ADAMS: Let's go back on the record,
15	then.
16	O. In the list of documents comprising the
17	record, specifically the liability documents,
18	there is a designation of shipping documents for
19	Midco, including Midco pickup tickets, generator
2.0	tally and trade tickets, invoices, checks,
21	receipts, purchase orders, shipping orders.
22	Are those the same as what you have
23	been referring to as the Dehart documents?
24	A. Those are the Dehart documents and the

1	Intec documents. The Intec documents were from
2	the Intec operation.
3	O. Now, are all of those documents part of
4	the administrative record, including documents
5	relating to parties other than the defendants?
6	MR. TENENBAUM: Objection.
7	You can answer.
8	A. They are part of the administrative
9	record for the unilateral administrative order.
10	MR. TENENBAUM: Is your question for
11	defendants or for third-party defendants?
12	MR. ADAMS: For both.
13	I asked if all of the documents are
14	part of the record, including documents relating
15	to defendants and third-party defendants.
16	MR. TENENBAUM: All right.
17	BY MR. ADAMS:
18	Ω. To your knowledge, has EPA served 104 E
19	requests on parties other than the defendants?
-20	A. No, we haven't.
21	Q. You have not?
22	A. 104 E requests?
23	Q. Yes.
24	A. Yes, we have.

1	On all PRP's that we have identified
2	and could locate.
3	O. Do you know when that was done?
Ą	A. Most of them were sent out in 19 J
5	think it was 1982.
6	O. Were any sent out more recently than
7	1982?
8	A. Yas.
ò	There were there is one sent to the
10	Indiana Department of Highways. And I think it
11	was in 1997.
12	And also in the same year, I think it
13	was the same year, we sent one to Samocki
14	Brothers Industrial Maste Disposal Corporation.
15	And US Reduction.
16	O. Aside from the parties that you just
17	mentioned, have you sent 194 E requests to any
18	parties that were not identified as PRP's in
19	1982?
20	MR. TENENBAUM: Can you read back that
21	question, please.
22	(The record was read.)
23	A. No, I don't think we have.
24	BY UP. ADAMS:

1	O. Did you receive responses to the 104 E
2	requests from Samocki Brothers and US Reduction?
3	A. We received one from US Reduction. And
4	Samocki Brothers, I don't remember whether we
5	received one or not.
F,	MP. TENERAUM: Off the record for a second,
7	please.
8	(Discussion had off the record.)
9	BY MR. ADAMS:
10	O. In addition to what you have called the
11	Dehart documents, there is another document
12	referred to as the Midco log. I don't know if
13	you intended to include that among the Dehart
14	documents?
15	A. Yes.
16	O. Does EPA have the original of the Midco
17	lcg?
19	A. I believe we do.
19	Q. And would that have been
20	A. I'm not sure, but I believe we do.
21	O. I am referring now to what has
22	previously been identified as Exhibit 28, this
23	is a memorandum of Mr. Berman on his interview
24	with Ron Crouch. I will show it to you to

1 refresh your memory. 2 In the fifth paragraph, there is a 3 reference to a card file attached to the back of 4 the log. 5 Are you acquainted with that document? I have seen those. Yes, I remember 6 Α. 7 seeing those. Yes. Я O. Do you know if EPA has that original 9 card file? A. I believe we do, but I don't know for 10 11 sure. 12 n. 13 MR. ADAMS: That is all I have. MR. TENENBAUM: We will break for lunch. 14 15 16 17 (Whereupon a recess was taken until 1:30 o'clock p.m. of 18 19 the same day.) 20 21 22 23 24

1 2	IN THE UNITED STATES DISTRICT COULT FOR THE NORTHERN DISTRICT OF INDIAN HAMMOND DIVISION	ļ
3	UNITED STATES OF AMERICA,	
4	Plaintiff,	
5	<u> </u>	Civil Action No. H-79-556
6	MIDWEST SOLVENT RECOVERY INC.;	Third-Party Complaint
7	COMPANY, INC.; INDUSTRIAL TECTONICS, INC.; V & F CORPORATION; FRNEST DE	)
8	HART; EDWARD D. CONLEY; HELGA C. CONLEY; LOVIE DE HART; CHARLES A.	
9	LICHT; DAVID E. LICHT; DELORES LICHT; EUGENE KLISIAK; JEANETTE KLISIAK;	),
10	LUTHER G. BLOOMBERG; ROBERT J. DAW- SON, JR.; JOHN MILETICH; MARY	
11	MILETICH; PENN CENTRAL CORPORATION; INSILCO CORPORATION; RUST-OLEUM, INC.;	
12	ZENITH RADIO CORPORATION; STANDARD T CHEMICAL COMPANY, INC.; AMERICAN CAN	
13	COMPANY, INC.; PRE FINISH METALS, INC.; PREMIER COATINGS, INC.; MOTOROLA, INC.;	
14	and DESOTO, INC.;	
15	Defendants.	
16	AMERICAN CAN COMPANY, INC.,	)
17	DESOTO, INC., INSILCO CORPORATION, MOTOROLA, INC., PRE FINISH METALS,	)
18	INC., PREMIER COATINGS, INC., RUST-OLEUM, INC., STANDARD T	)
19	CHEMICAL COMPANY, INC., ZENITH RADIO CORPORATION, JOHN	)
20	MILETICH, MARY MILETICH and THE PENN CENTRAL CORPORATION,	)
21		
22	Third-Party Plaintiffs,	•
	vs.	
23		
24	ACCUTRONICS, ACTIVE SERVICE CORP., AMERICAN NAMEPLATE & DECORATING CO.,	)
	ı	

```
AMERICAN PRINTER & LITHOGRAPHER CO.,
 1
        AMERICAN RIVET COMPANY, APECO,
 2
        APPROVED INDUSTRIAL REMOVAL, INC.,
        ARMOUR PHARMACEUTICAL, ARTISAN HAND
 3
        PRINTS, ASHLAND CHEMICAL CO.,
        AVENUE TOWING COMPANY, BARR &
 4
       MILES, INC., BELDEN ELECTRICAL
        PRODUCTS DIV. OF COOPER INDUSTRIES,
 5
       INC., BRETFORD MANUFACTURING, INC.,
       BUTLER SPECIALTY COMPANY, INC.,
 6
       BY PRODUCTS MANAGEMENT, CALUMET
       CONTAINER, CARGILL, INC.,
 7
       CHEMALLOY DIVISION OF FISHER- CALO
       CHEMICAL CO., CHICAGO ETCHING CORP.,
 B
       CHICAGO NAMEPLATE COMPANY,
       CHICAGO ROTOPRINT CO.,
 9
       C & C INDUSTRIAL MAINTENANCE CORP.,
       CITY OF GARY, INDIANA, C.P. CLARE
10
       DIVISION OF GENERAL INSTRUMENTS
       CORP., C.P. HALL CO.,
       C.P. INORGANICS, COMMANDER PACKAGING,
11
       CONNOR FOREST INDUSTRIES, CONSERVA-
12
       TION CHEMICAL, CONSUMERS PAINT
       FACTORY, INC., CONTINENTAL
13
       WHITE CAP DIVISION OF CONTINENTAL
       CAN COMPANY, CONVERSIONS BY GERRING,
14
       COUNTY OF DU PAGE, ILLINOIS,
       CRONAME, INC., CROWN CORK & SEAL
15
       CO., INC., CULLIGAN INTERNATIONAL
       COMPANY, CULLIGAN WATER CON-
16
       DITIONING, INC., FRANK J. CURRAN,
       CUSTOM METALS PROCESSING,
17
       DAP, INC. OF BEECHAM COSMETICS,
       DAUBERT CHEMICAL COMPANY,
18
       DEUBLIN COMPANY, DOBSON CONSTRUCTION
       INC., DUO FAST CORPORATION, DU-TONE
19
       CORP., HAROLD EGAN, EKCO HOUSEWARE
       CO., EL-PAC, INC., EMBOSOGRAPH DIS-
20
       PLAY MFG. CO., ESS KAY ENAMELING, INC.,)
       ETHICON, INC., FELT PRODUCTS MFG. CO., )
       FLINT INK CORP., FURNAS ELECTRIC
21
       CO., GEARMASTER DIVISION, EMERSON
22
       FLECTRIC, THE GILBERT & BENNETT
       MFG. CO., GLD LIQUID DISPOSAL,
23
       HENRY PRATT COMPANY, J.M. HUBER
       CORPORATION, HYDRITE CHEMICAL CO.,
24
       INTAGLIO CYLINDER SERVICE, INC.,
```

```
JOHNSON & JOHNSON, J & S TIN MILL
 1
       PRODUCTS, KNAACK MFG. CO., LANSING
 2
       SERVICE CORPORATION, LAUTTER
       CHEMICAL, LIQUID DYNAMICS,
 3
       LIQUID WASTE, INCORPORATED,
       STEVE MARTEL, MASONITE CORPO-
 4
       RATION, MCWHARTER CHEMICAL CO.,
       METAL RECLAIMING CORPORATION,
 5
       METROPOLITAN CIRCUITS,
       MIDWEST RECYCLING COMPANY, MONTGOMERY
       TANK LINES, MORTON THIOKOL INC.,
 6
       MR. FRANK, INC., NAMSCO, INC.,
 7
       NATIONAL CAN CORPORATION, NAZ-DAR CO.,
       NUCLEAR DATA, INC., PPG INDUSTRIES,
       INC., PASLODE COMPANY, PIERCE & STEVENS)
 8
       CHEMICAL CORP., PIONEER PAINT PRODUCTS,)
 9
       PREMIER PAINT CO., PYLE-NATIONAL CO.,
       R-LITE, REFLECTOR HARDWARE CORP.,
10
       REGAL TUBE, RELIANCE UNIVERSAL, INC.,
       RICHARDSON GRAPHICS, JOHN ROSCO,
11
       ROZEMA INDUSTRIAL WASTE, ST. CHARLES
       MANUFACTURING, SCHOLLE CORPORATION,
12
       SCRAP HAULERS, SHERWIN WILLIAMS
       COMPANY, SHELD COATINGS, INC.,
13
       SIZE CONTROL COMPANY, SKIL CORPORA-
       TION, SPECIAL COATINGS CO.,
14
       SOUTHERN CALIFORNIA CHEMICAL,
       SPECIALTY COATINGS, INC.,
       SPOTNAILS, INC., STAR TRUCKING, STERN
15
       ELECTRONICS, INC., JOE STRAUSNICK,
16
       STUART CHEMICAL & PLAINT, INC.,
       SUMMER & MACE, SUN CHEMICAL,
17
       SYNTECH WASTE TREATMENT CENTER,
       T.R.C., TEEPACK, INC., ALFRED TENNY,
18
       THIELE-ENGDAHL, INC., THOMPSON
       CHEMICALS, TIFFT CHEMICALS,
19
       TOUNEY DISPOSAL, TRIPLE S. ETCHANTS,
       UNIROYAL, INC., UNITED RESIN AD-
20
       HESIVES, INC., U.S. ENVELOPE, U.S.
       SCRAP AND DRUM, U.S. STEEL CORP., UNI-
21
       VERSAL RESEARCH LABORATORIES, INC.,
       UNIVERSAL TOOL & STAMPING COMPANY,
22
       VANDER MOULEN DISPOSAL, VELSICOL
       CHEMICAL CORP., VICTOR GASKET
23
       DIVISION OF DANA CORPORATION,
       WARNER ELECTRIC BRAKE & CLUCH CO.,
24
       WARWICK CHEMICAL, WASTE RESEARCH &
```

1	RECYCLING, XEROX CORPORATION, and ) other unidentified persons, )
2	)
3	Third-Party Defendants. )
4	
5	
6	
7	·
8	
9	DEPOSITION OF
10	RICHARD E. BOICE
11	July 6, 1990
12	daly o, 1990
13	
14	
15	
16	$\cdot$
17	
18	
19	
20	
21	
22	
23	
24	•
!	•

The continued deposition of RICHARD EDWIN BOICE, called for examination by the Defendants, pursuant to notice and pursuant to the provisions of the Federal Rules of Civil Procedure of the United States District Courts, pertaining to the taking of depositions for the purpose of discovery, taken before Arnold N. Goldstine, a Notary Public and Certified Shorthand Reporter within and for the County of Cook and State of Illinois, at 227 West Monroe Street, on July 6, 1990, commencing at the hour of 1:30 o'clock p.m.

1 APPEARANCES: 2 3 Mr. Alan S. Tenenbaum and Mr. Lenoard M. Gelman 4 Trial Attorney 5 Environmental Enforcement Section Land & Natural Resources Division 6 U.S. Department of Justice P. O. Box 7611 7 Ben Franklin Station Washington, D. C. 20044 8 -and-9 Mr. Michael R. Berman Assistant Regional Counsel 10 Solid Waste & Emergency Response Branch 11 U.S. Environmental Protection Agency Region V 12 230 South Dearborn Street Chicago, Illinois 60604 13 -and-14 Peter W. Moore 15 Assistant Regional Counsel U.S. Environmental Protection Agency 16 Region V Office of Regional Counsel 17 230 South Dearborn Street Chicago, Illinois 60604 18 appeared on behalf of Plaintiff, 19 United States of America; 20 Mr. Steven M. Taber 21 Ross & Hardies 150 North Michigan Avenue 22 Chicago, Illinois 60601-7567 23 appeared on behalf of Ashland Chemical Company; 24

1	APPEARANCES (CONTINUED):
2	
3	Mr. Joseph Madonia
4	Wildman, Harrold, Allen & Dixon 225 West Wacker Drive
5	Chicago, Illinois 60606-1229
6	appeared on behalf of Penn Central Corporation;
7	
8	Mr. William G. Dickett
9	Sidley & Austin / One First National Plaza
10	Chicago, Tllinois 60603
11	appeared on behalf of Pre Finish Metals, Inc.;
12	
13	Mr. Jeffrey C. Fort
14	Ms. Lisa Anderson
15	Gardner, Carton & Douglas Quaker Tower
	321 North Clark Street
16	Chicago, Illinois 60610-4795
17	appeared on behalf of Desoto, Inc.;
18	
19	Mr. Janice Hicks
20	Karaganis & White, Ltd. 414 North Orleans Street
21	Chicago, Illinois 60610
22	appeared on behalf of American Can Company, Inc.;
23	American can company, inc.,
24	

1	
2	APPEARANCES (CONTINUED):
3	
4	
5	Mr. Dennis A. Berg Law Offices of James T. J. Keating, P.C.
6	Printers Row 542 South Dearborn Street
7	Chicago, Illinois 60605
8	appeared on behalf of Premier Coatings, Inc.;
9	Flemier Coatings, Inc.,
10	Mr. Edward J. Leahy Leahy, Eisenberg & Fraenkel, Ltd.
<b>1</b> 1	309 West Washington Street Chicago, Illinois 60606
12	appeared on behalf of
13	Scholle Corp.;
14	
15	
16	Mr. David S. Finch and Mr. Harvey M. Sheldon
	McDermott, Will & Emery
17	227 West Monroe Street Chicago, Illinois 60606-5096
18	
19	-
20	Mr. Richard S. VanRheenen Cromer, Faglesfield & Maher, P.A.
21	Station Place 200 South Meridian Street
2 2	Indianapolis, Indiana 46225
23	appeared on behalf of
2 4	J & S Tin Mill Products Company, Inc., et al.;

1	APPEARANCES (CONTINUED):
2	
3	
4	Mr. John R. Adams
5	Taylor, Miller, Sprowl, Hoffnagle & Merletti
6	33 North LaSalle Street - Chicago, Illinois 60602-2602
7	appeared on behalf of Third-
8	Party Plaintiffs Desoto, et al.;
1	·
9	
10	
11	Mr. Roy L. Bernstein Gottlieb and Schwartz
TT	200 East Randolph Street
12	Chicago, Illinois 60601
	onicago, circumstantes and an analysis and an
13	appeared on behalf of Third-party
14	Defendant By Products Management;
15	
16	
17	·
18	
19	Mr. Blanton
20	Ice, Miller, Donadio & Ryan One American Square
21	Box 82001 Indianapolis, Indiana 46282
	•
22	appeared on behalf of Indiana Department of Highways.
23	
24	

1	RICHARD BOICE,
2	having been previously duly sworn,
3	was examined and testified further as follows:
4	DIRECT EXAMINATION
5	RY MR. MADONIA:
5	Q. My name is Joe Madonia, and I am
7	representing the Penn Central Corporation. Let
8	the record reflect that the is the continuation
9	of the deposition of Mr. Boice.
10	Mr. Boice, during the course of your
11	involvement with the Fidco I and II sites, have
12	you become aware of who owns the Nidco I
13	prop∈rty?
14	A. I am avare of some of the owners.
15	O. Who do you know of that you would
16	classify as a land owner of the Midco I
17	property?
18	MR. TENENBAUM: Objection to the extent it
19	calls for a legal conclusion. But, you can
20	answer otherwise.
21	A. To my recollection, Ernest Dehart is
22	one land owner. V&F Corporation is another land
23	owner. And I'm not sure about the rest.
24	I think there is a couple names in my

mind, but I am not sure whether they are land 1 2 owners or associated with the site some other 3 way. 4 BY MR. MADONIA: What do you base --5 n. 6 Midco I, right? Α. 7 0. Correct. 8 What do you base your belief upon that 9 Ernest Dehart is an owner of property at Midco 10 I? 11 I have read it in a report. λ. 12 O. In a specific report? 13 Α. Yes. We did a property boundary survey and 14 it is in that report. I believe that is in the 15 16 administrative record. Did the Agency do the survey or did a 17 0. 18 contractor? 19 A contractor conducted the survey for 20 the Agency. 21 0. Do you know who it was? 22 Ecology & Environment. Α. 23 Λ. When did E&E do that survey of Midco I? It was before the 1985 consent decree. 24 Δ.

1	Around 1984, I believe.
2	O. And did E&E then prepare a report
3	following that survey?
4	Λ. Yes.
5	O. What generally was in that report, what
5	types of information?
7	A. There was a map showing the division of
8	the property ownership and identifying the
9	property owners. For Midco I and Midco II.
10	That was primarily what was in the
11	report.
12	O. Is there any other document that you
13	are aware of that you have seen that leads you
14	to believe that Ernest Dehart is a property
15	owner at the Midco I site?
16	A. A title search was conducted also.
17	Q. Who did that?
18	A. I don't know, one of the law firms.
19	MR. TENENBAUM: I assume on these lines of
20	questioning, you just want the witness' personal
21	knowledge?
22	MR. MADONIA: Right.
23	MR. TENENBAUM: Okay.
24	A. I don't know the name of the firm that

conducted the title search. It is in the 1 2 administrative record, I think. 3 BY MR. MADONIA: d, Do you know who requested the title 5 search that was done? 5 Α. Not for sure. 7 Was there any sort of report or 8 document generated following that title search? 9 Yes. It is in the administrative Α. 10 record. 11 Did the same lawfirm prepare that 12 report that conducted the title search? 13 I'm not sure. Α. 14 O. So, you don't know who prepared the 15 report? 16 I don't know whether we have a report, 17 but we have a title search. 18 Q. Okay. 19 Whatever documentation there is with 20 the title search, there might have been a report 21 that accompanied it, I'm not sure. 22 So other than the title search and the 0. 23 related documents, and the report which R&R 24 prepared detailing the findings of their survey

of the Midco I site, are there any other 1 2 documents that you are aware of relating to 3 ownership of Midco I property? Well, we might have information in 4 depositions, and responses to interrogatories, 5 6 requests for admissions, request to 104 E 7 requests. O. Do you recall any of these items or are 8 9 you just suggesting that those are 10 possibilities? They are possibilities. 11 12 But as of today, you don't specifically 13 remember that this type of information came up in any of those contexts? 14 15 Α. Not specifically, but I imagine somebody -- I'm pretty sure, at least in a 16 deposition, somebody said something about who 17 18 owned the property at Midco I and at Midco II. 19 You also mentioned V&E as another party 0. 20 you believe owns Midco I property? 21 Α. Yes. 22 Is that belief on your part based on the same information that we just discussed for 23

Mr. Dehart?

1	A. Yes.
2	Q. Okay.
3	As far as the other potential land
4	owners, are there documents that you could refer
5	to, to refresh your memory as to who they might
6	be?
7	A. I could look at the property survey
9	that was completed.
9	O. The report that R&R prepared for Midco
10	I?
11	A. Yes.
1.2	O. Would it also help to refer to the
13	title search then?
14	A. Yes.
15	O. Did USEPA ever or did the government
16	ever contact Mr. Dehart about what was going on
17	on his property let me rephrase that.
18	When was the first time that you are
19	aware of that the government contacted Mr.
20	Dehart about what was going on on his property?
21	A. We responded to that in our answers to
22	the first set of interrogatories from the
23	generator defendants in 1985.
24	So if I could get that out, I could

1	refresh my memory.
2	MR. TEMENBAUM: You only want him to testify
3	about what he knows personally, right?
4	I am not sure he was employed by the
5	Agency then.
6	MR. MADONIA: Let me ask this.
7	O. Do you remember generally what the
8	nature of that initial contact was?
9	A. I believe it was an inspection.
10	O. Okay.
11	If it was an inspection, how would Mr.
12	Dehart have been made aware of that inspection?
13	A. I presume that
14	MR. TENENBAUM: Only what you know. Do you
15	want him to speculate?
16	BY MR. MADONIA:
17	O. Under normal circumstances how would it
18	occur?
19	A. He would be contacted during the
20	inspection.
21	O. How?
22	A. I'm not sure. Could either be over the
23	telephone or during the site visit.
24	O. And the purpose of that contact would

be to let him know that an inspection was taking 1 2 place on his property? Well, I should clarify. Whoever has 3 4 control or is operating the facility, it 5 wouldn't necessarily be Mr. Dehart. 6 0. Whoever had control of the site? 7 Whoever is operating or had control of 8 the site, we would have to get permission to 9 enter the site from them. 10 So if an inspection was taking place, 0. 11 then, notice might not always be given to a land 12 owner if they weren't in obvious control of the site, is that accurate? 13 14 That sounds accurate to me. Α. 15 Then you believe that Mr. Dehart's ი. 16 first communication with the government about government activity taking place at the Midco I 17 site might have been as a result of that sort of 18 19 an investigation or inspection, possibly? 20 MR. TENENBAUM: Government activity. 21 What do you mean, what are you 22 referring to? 23 BY MR. MADONIA: 24 Mr. Dehart's first notice that USEPA

was conducting some sort of activity,
inspection, investigation, whatever they were
doing at the site, might have been as a result
of that sort of a contact then?

- A. You are talking about USEPA, not all governments?
  - O. Let's limit it to USEPA.
- A. USTPA, you restated what I just said.

  That USEPA's first contact would have been an inspection as far as I know, at least that is my -- based on reviewing the record.
- O. As far as the other land owner of Midco I property that you are currently aware of, V&F, do you know what their first communication might have been from USEPA regarding the Midco I site?

NR. TENENBAUM: Do you want him to answer from personal knowledge or from reviewing records?

MR. MADONIA: Fither from personal knowledge or if you don't remember specifically, how that sort of a contact would normally be made.

A. All I know is that when they moved, they tried to move barrels off of their property with a bulldozer. We got involved with V&E

Corporation.

- Q. When was that, approximately?
- A. I imagine it was around 1978 or '79.
  Probably 1979.
- Q. If you were to refer to documents to remind you specifically of what the very first contact was that USEPA initiated with either Mr. Dehart or V&E Corporation, what would those documents be that you would have to refer to?
- A. There was a similar question, although not exactly the same question in the first set of USEPA's first set of responses. USEPA's responses to the first set of interrogatories from the generator defendants that we prepared in 1985.

And I went through all the documents at that time to prepare those responses. So I would go there first and I could review my files.

There is also records in the court that might not be present in my file.

O. So you believe that a review of your interrogatory answers would disclose specifically when the first contact was that

USEPA made with Dehart and V&E?

A. With the Midco sites I'm sure.

But, as far as those specific people,

I'm not sure who would have a record of that or

indicate when that happened.

- Q. Would all the documents that you can think of that might help you remember that specific information be included in the administrative record?
- A. No, because it was so long ago that a lot of those documents weren't considered or relied upon in the remedy selection process.

  But, some of them probably are.
- The administrative record, then other than interrogatory responses or other pleadings filed in this case, are there specific sources of that information that you can tell me about, in other words, where would they be, where else would they be?

You mentioned your files.

A. Probably a lot of it is available in the court documents. Otherwise, you could send a Freedom of Information Act request to EPA.

1 But, vou have got to make it specific enough 2 instead of asking for everything. 3 MR. TENENBAUM: We had document production 4 in this case as well. 5 That is true. Α. 6 We sent almost all our documents to 7 some of the defendants, including all those 8 early ones. 9 BY MR. MADONIA: 10 0. So some of the documents that you 11 referred to that might be in the administrative 12 record might, nonetheless, have been provided to 13 us in a document production? 14 Α. Yes. 15 My understanding is that almost our 16 whole file was sent to some of the defendants. 17 0. Moving on then to the Midco II site. 18 Let me ask you the same question that I started 19 with for Midco I. 20 Are you aware of property owners for 21 Midco II property? 22 Yes. Α. 23 0. Which property owners are you aware of 24 there?

I know Penn Central owns the back 1 Α. portion of the site. And John Miletich, I 2 believe, owns the rest of the site, and his 3 wife. John Miletich and his wife. 4 O. Could you describe for me a little bit 5 6 what you mean, what you mean by the back 7 portion? Portions away from the highway. 8 Α. What is the division between the back 9 0. 10 portion and the rest of the site? I would have to look at the map from 11 Α. 12 the report prepared by E&E to show you where the division of the boundary is approximately. 13 14 Q. Is that a division then that only 15 exists on paper? 16 There is no fence across that boundary. Α. Has there ever been any physical 17 0. 18 distinction between the property lines of 19 Miletich and Penn Central? You mean like a fence or a barrier? 20 Α. Or anything that you can see that is a 21 Q. 22 distinction between two properties. Not that I know of? 23 Α.

24

I have never seen it in any pictures.

- Q. You have been to the site, haven't you?
- A. Yes.
- O. That is what I was referring to.

If your standing on the site, can you tell where one begins and where the other ends?

A. I am sure you can't now.

Back in I think the earliest I was on the site was 1985, I didn't notice any division then. And I looked at the aerial photos. And if I remember right, I don't remember any division on the aerial photos.

- Q. So if there was a division, say for instance, back in '75 or '77, '76 or '77, you didn't yourself see the site to be able to know what that division might have been; is that accurate?
- A. That is true. I wasn't on the site that long ago.
- O. Could you tell me what you base your conclusion upon?

Upon what do you base your conclusion that Penn Central and the Miletich's own the Midco II property?

A. It is the same as for Ernest Dehart,

that we have the title search and we have the 1 2 report by Ecology & Environment which provides maps showing the division of property ownership. 3 Do you remember what the first contact 4 was that anybody in the government made with 5 Penn Central to let them know that there was a 6 7 problem with this property? 8 No, I don't. Α. 9 They were probably sent a notice letter, I mean an information request in 1982. 10 But, I would have to check the files for that. 11 12 As far as you can remember today, a 104 0. E request might have been the first notice that 13 14 Penn Central had of potential problems on the 15 property? 16 Possibly, but I really don't know. Α. MR. TENENBAUM: Wait a second. 1.7 First 18 notice? 19 MR. MADONIA: Notice from the government. From EPA? MR. TENENBAUM: 20 21 MR. MADONIA: Right. 22 I really don't know. Α. 23 Q. That is my question. As far as you 24 know.

1 Α. Right. This is the first? 0. 3 It may have been the first. Α. 4 0. Okay. 5 Are you aware of any other communications between the government and Penn 6 7 Central in the nature of telling Penn Central 8 that there was a problem on the property after 9 the 104 E request? 10 Actually I would have to look at the Α. 11 files to see whether we sent you a 104 E 12 request. I'm pretty sure we did. 13 Well, after 1982, let me put it that n. 14 way. 15 Well, there were -- I know Penn Central 16 was participating in the settlement negotiations which led to the partial consent decree signed 17 18 in June in 1985. And I know there were 19 negotiations even in 1984. 20 Do you know whether the government 21 asked Penn Central to participate in those? 22 No. I don't. Α. 23 So, is it accurate for me to say that Q.

other than a possible 104 E request, you don't

know of any specific communications from the 1 2 government notifying Penn Central that the 3 government wanted something done to the 4 property? 5 Α. Well, there was the notice letter we sent May 9, 1989. 6 May of 1989? 7 0. 8 Yes. May 9, 1989. Α. 9 What was that a notice of? 0. Of completion of the remedial 10 Α. 11 investigation feasibility study and initiation 12 of negotiations for implementation of the final 13 remedial actions at the site. Do you recall specifically what the 14 0. 15 title search revealed about what you term as 16 Penn Central's ownership of the Midco II 17 property? 13 Just determined that Penn Central was 19 an owner or was the owner of a portion of Midco 20 II. 21 Penn Central is kind of a slang term 0. 22 that generally refers to a company. Do you 23 remember specifically who they said the owner was in that document? 24

1	A. I would have to look at the document.
2	You mean whether it was Penn Central
3	Corporation?
4	O. Whatever the specific name was.
5	A. I would have to look in the document.
6	O. Do you have it here that you can refer
7	to today?
8	A. Do we have that document?
9	We have it. I understand that this is
10	it.
11	O. Could you refer to that document, then,
12	and look for the part that refers to the owners
13	of the property.
14	A. Okay.
15	I'm not an attorney so these terms
16	aren't familiar to me.
17	MR. BERMAN: Maybe we should take a break
18	for a minute because they are a few documents to
19	look through.
20	MR. MADONIA: Okay.
21	(Whereupon a short recess was had.)
22	O. Mr. Boice, have you had a chance to
23	review vour documents relating to property
24	ownership of the Midco II site?

I have reviewed them briefly.

unilateral administrative order. And it 1 2 includes some type of letter, correspondence with Michael McClugghee regarding Penn Central, 3 dated April 15, 1983. M-c-C-1-u-g-g-h-e-e. 4 And who is Mr. McClugghee? 5 6 - A . I believe he was a -- formerly at loast 7 the attorney for Penn Central. 8 What does that letter say? Q. I don't know. I haven't read it. 9 Α. 10 Are you saying, then, that that letter n. is an example of some communication between the 11 12 Agency and Penn Central or between Penn Central 13 and the Agency? Well, it is listed on the list of 14 liability documents for Midco II. So if it is 15 16 listed there, it has to do with documenting the liability of the parties to whom the unilateral 17 18 order was sent. 19 O. Okay. But that doesn't have anything -- you 20 haven't read it, so you don't know what it is, 21 22 do you?

Q. During your review that you just

23

1 conducted, did you see any document relating to 2 the title search that mentions Penn Central in any way, other than the document that you 3 4 already described to us? A. I would have to spend a long time 5 6 reading this over to find -- to be able to 7 answer that with any confidence. 8 ο. Okay. 9 Mr. Boice, did you ever personally 10 communicate with Penn Central for the purpose of 11 informing them that waste was being disposed of 12 on their property? 13 Α. No. 14 Did you ever personally request Penn 15 Central to do anything to keep people from

disposing of waste on its property?

- Will you repeat the question? Α.
- Did you ever request Penn Central to do 0. anything to keep people from disposing of waste on its property?
  - Did I personally? Α.
  - Yes. Q.
  - Α. No.
  - n. Did you ever request Penn Central to do

23

16

17

18

19

20

21

anything at the Midco II site? 1 2 Did I personally request them to do 3 anything? Q. Right. 5 I guess you could say indirectly, in that Penn Central was a party to the partial 6 7 consent decree signed in 1985. And we made a request for revisions to 8 9 the work plans and comments on the feasibility 10 study that were prepared for the partial consent decree. 11 12 So that whole area of communication, 0. then, would have been the first interaction that 13 14 you had with Penn Central indirectly to request 15 them to do something at Midco II? 16 Me personally you mean? Α. 17 Right, or indirectly. You said that 0. 18 that involved you. 19 That would have been the first Α. Yes. 20 input'I would have had. 21 Do you know what measures Penn Central 22 took to keep people from disposing of waste on 23 its property? 24 Although I think I read something No.

1 about it. 2 Q. What? 3 That they didn't -- basically had no Α. knowledge of what was going on at the site. 4 5 Q. No. 6 I mean what did you read? I don't remember. 7 Α. 8 0. Okay. But whatever it was, that document 9 stated that Penn Central had no knowledge of 10 11 what was going on on the Midco II property? Well, I think the document is what Penn 12 Central's response -- a response of Penn Central 13 to us stated that they didn't have that, any 14 knowledge of what was going on at the site. 15 16 0. So you do know what the document was? 17 Well, I know it was from Penn Central. Α. 18 0. Okay. 19 Other than that particular document, do you know whether Penn Central had the ability to 20 control others who were dumping on its property? 21 No, I don't know whether they did or 22 Α. 23 not.

0.

24

Do you know whether it was even

24

But what I am asking you is assuming

there are general things that some land owners can do, you don't know yourself whether any one of those specific items was, in fact, possible for Penn Central to perform, do you?

MR. TENENBAUM: Objection.

A. Well, I'm not an attorney and I can't tell what Penn Central possibly could have done legally about it.

But, I presume they could have legally done quite a few things about what was done on the property.

BY MR. MADONIA:

O. I am not asking for legal things.

For example, they could have dug a 30 foot more around the site and put alligators in it. That is not a legal step. That is a physical step.

You yourself, though, do not know which physical steps were impossible for Penn Central to take at the site, do you?

A. Well, I am sure it would have been possible to put a fence across the site and tell the Midco people not to place their wastes on it.

1	O. But is it possible that for some reason
2	or another that you are not aware of that
3	couldn't have happened?
4	A. I don't know.
5	MR. TENENBAUM: Objection.
6	BY MR. MADONIA:
7	O. Let me ask you this.
8	Do you know for a fact that Penn
ò	Central did not try to do that, could they have
10	tried to do that and you just didn't know about
11	it?
12	A. I don't know.
13	O. You don't know what?
14	A. I don't know whether they could have
15	done it and not succeeded in doing it or not.
16	n. Okay.
17	So if they did try to do it, you don't
18	know about it, do you?
19	A. That is true.
20	MR. MADONIA: We may have some questions
21	later on involving cost documents after counsel
22	for the other defendants finish their
23	cost-related questions, to the extent we believe
24	something needs to be covered that they haven't

already covered.

I would like to reserve the right to go into those areas. But other than that, I believe that is all we have right now.

MR. BLANTON: I am a third-party defendant. You haven't answered my interrogatories yet. I don't think it would be fruitful to proceed out of order. I will wait until the defendants are done.

MR. TEMENBAUM: Off the record for a second, please.

(Discussion had off the record.)

## DIRECT EXAMINATION

## BY MR. FINCH:

O. Mr. Boice, my name is David Finch. I am one of the attorneys for Standard T Chemical Company.

For the record, this is a continuation of Standard T's deposition of Mr. Boice conducted pursuant, we believe, to two notices of deposition served on the United States on November 26, 1989 originally, first noticing Mr. Boice by name, and the second seeking a deposition of a custodian of certain documents

set forth within the notice. 1 The questions I intend to ask are 2 pursuant to those notices of deposition. 3 not pursuant to notices issued by other parties 4 5 in this case. MR. TENENBAUM: Can we go off the record for 6 7 a second. (Discussion had off the record.) 8 9 Back on the record. 10 BY MR. FINCH: Mr. Boice, I believe you testified on 11 0. the first day of this deposition that you became 12 13 RPM for the Midco site in 1985; is that correct? 14 That's correct. 15 What was your government title at the Q. 16 time? 17 My position and title is -- under the civil service system is environmental engineer. 18 Were you an environmental engineer 19 Q. under the civil service system in 1985? 20 21 Α. Yes. 22. Are you still an environmental engineer 0. 23 under that system? 24 Yes. Α.

Were you employed by USEPA immediately 1 0. 2 prior to becoming RPM for the Midco site? 3 What do you mean by immediately prior? 4 0. Do you recall the date that you became 5 RPM for the Midco site? 6 Α. It was -- I believe it was in February 7 1985. 8 A day in the month of February 1985? g I don't think it was that exact a Α. 1.0 cut-off. It was a transition period. 11 There was a period of time in which 0. 12 another individual was also acting as RPM for 13 the site? 14 Α. Yes. 15 0. Do you recall who that individual was? 16 The previous RPM was Karen Waldvogel. Α. 17 Could you spell the last name, please? 0. 18 W-a-d-v-o-q-e-1. Α. 19 W-a-d? 0. 20 Α. W-a, sorry. W-a-1-d-v-o-g-e-1. 21 Waldvogel? Q. 22 Α. Waldvogel. 23 There was a period of time during which Q. 24 both you and Ms. Waldvogel were each acting as

	1	RPM for the Midco site?
	2	A. There was a transition period.
	3	O. Do you recall when that transition
	4	period began?
	5	A. Around January or February 1985.
7	6	Q. Do you recall when that transition
	7	period ended?
	8	A. Around January or February 1985.
	9	Q. Were you employed by USEPA immediately
	10	prior to the beginning of that transition
	11	period?
_	12	A. Yes.
	13	O. What was your title with USEPA
	14	immediately prior to the beginning of this
	15	transition period?
	16	A. Environmental engineer.
	17	Q. How long had you been an environmental
	18	engineer with the EPA?
	19	A. I have been with EPA since November
	20	1983 1973.
	21	Ω. Had you been an environmental engineer
	22	with EPA since November 1973?
	23	A. No. I started out as a chemical
•	24	engineer, designated as a chemical engineer.

1	Q. When did you become an environmental
2	engineer?
3	A. While I was
4	In '85 I got a job that was designated
5	a sanitary engineer, I mean '75. Sorry, not
6	185.
7	'73 I started as a chemical engineer.
8	Then I became a sanitary or I was designated
9	sanitary engineer in '75. And went back in
L O	about '77 I went back and then I was I think
11	I was, I don't remember whether I went back to
l 2	being an environmental engineer or a chemical
13	engineer.
1 4	I think I became a chemical engineer
15	again and then later the designation was changed
16	to environmental engineer.
17	Q. You say the designation was changed.
L 8	Do you mean that you held the same
19	position but the words to describe it changed,
20	or do you mean that you held a position with
21	different responsibilities and duties?
22	A. This was the same position. They just
23	changed position description.
24	O. Had you ever acted as an RPM for any

1	Superfund sites prior to becoming the RPM for
2	the Midco site?
3	A. Yes.
4	Q. Do you recall the first such site you
5	had been designated the RPM?
6	A. The first site included the Ninth
7	Avenue dump site in Gary, Indiana. That was
8	when I started with the Superfund in March 1983.
9	Q. March '83?
10	A. Yes.
11	O. What was the next site after that?
1 2	A. There were other sites.
13	RPM for the Rurlington Northern site in
1 4	Minnesota, fairly shortly after I became I
1 5	became an RPM.
16	O. Shortly after you became an RPM?
17	A. Yes.
l 8	Q. That was March of 1983?
L 9	A. Yes. Actually it was called an OSC at
20	this time. On-scene coordinator.
21	Q. OSC?
22	A. On-scene coordinator. Later they
23	changed the title to remedial project manager.
24	Q. Do you recall when the Agency changed

1	the title to remedial project manager?
2	A. I think it was around 1985.
3	Q. Before or after you became RPM at the
4	Midco site?
5	A. Before.
6	Q. Had you acted as RPM or OSC for any
7	sites other than the Burlington Northern site in
8	Minnesota and the Ninth Avenue site in Gary,
9	Indiana prior to becoming an RPM at Midco?
10	A. Yes.
11	I was RPM for during part of the
12	remedial investigation feasibility study at the
13	Crab Orchard Lake site.
14	Q. Crab Orchard Lake?
15	A. In Marion, Illinois.
16	O. When did you become RPM at that site?
17	A. I believe it was during the spring of
18	1987.
19	O. That was roughly a little more than two
20	years after becoming RPM at the Midco sites?
21	A. I think so. Yes.
22	Q. Okay.
23	A. Then there was I was RPM for the
24	Wauconda Sand & Gravel site.

1	O. When was that?
2	A. That was from about the spring of 1985
3	until the fall of 1988.
4	O. So I understand you, is it fair to say
5	that before becoming RPM at the Midco sites, you
6	had served as an OSC or an RPM only at two other
7	sites, Ninth Avenue and Burlington Northern?
8	A. No, that is incorrect.
9	O. Okay.
10	What other sites?
11	Λ. I just told you.
12	Q. You were mentioning dates following the
13	time that you have testified you were first
14	named RPM at the Midco sites.
15	A. Okay.
16	There was I think I became RPM for
17	the Wauconda Sand & Gravel site before
18	slightly before I became RPM for Midco.
19	That would have been I think around
20	December of 1984.
21	Q. Could you describe what your duties as
22	an environmental engineer with USEPA presently
23	are?
24	A. Well, the duties of a remedial project

manager are explained in the National 1 2 Contingency Plan. 3 0. Do you serve any functions as a 4 government employee other than being an RPM? 5 Well, I am full-time in the position I 6 am presently in. What position is that? 7 Q. Remedial project manager. 8 A. So let me ask you again. 9 0. 10 Do you serve any functions as a 11 government employee other than an RPM? 12 I don't know what you mean by Α. 13 functions. 14 Do you have any duties or 15 responsibilities as a government employee other 16 than those duties and responsibilities that 17 attach to your status as a remedial project 18 manager? I don't think so. 19 No. Well, sometimes I fill in for my 20 21 supervisor as a -- doing supervisory functions. Are you responsible for filling out any 22 forms indicating the amount of time you devote 23 24 to any projects as to which you have

1	responsibilities as a government employee?
2	A. Yes.
3	∩. Is it only one form you fill out, or is
4	there more than one form that you fill out?
5	A. We fill out a timesheet every two
6	weeks.
7	Q. Is that what it is called, a timesheet?
8	A. Yes.
9	Q. Are you required in that timesheet to
10	account for all of your working activities or
11	only those activities that relate to specific
12	projects?
13	A. The timesheets, we can give you a copy
14	of it, includes categories for each site and a
15	different account number for each site. Then
16	there is a general account number.
17	Q. What does the general account number
18	allude to?
19	A. That includes all non-site-specific
20	work.
21	Q. Have you ever performed any
22	non-site-specific work since first becoming an
23	RPM?
24	A. Yes, every week.

- Q. What sort of work is that?
- A. It includes, for example, like I stated before, filling in for my supervisor. Reading guidance documents and so forth that aren't specifically related to a review for a specific site. Training, annual leave, sick leave.

And any other work that is not site-specific such as filling out forms or -- for headquarters to evaluate different projects, things like that. Even filling out the timesheet would be non-site-specific.

- O. What were your duties as an environmental engineer immediately prior to the first time you became an RPM or an OSC?
- A. I was in the central district office of the United States EPA Region V, at 536 South Clark.

That office conducts combination of air sampling -- at that time, conducted a combination of air surveillance, water surveillance, and even hazardous waste surveillance work.

Q. And what were your functions in connection with this work?

A. I was -- I led surveys on or conducted
surveys for air emissions, for instance, visible
emission evaluations.
I would go to coke ovens or industrial

plants and read the smoke, based on the way we are trained to evaluate the smoke emissions.

Sometimes we audited ambient air monitors. We audited stack testing procedures.

We went to industrial plants or sewage treatment plants and collected water samples from the discharge and collected information on the plant.

Also during that time that office was also conducting hazardous waste investigations, so -- and RCRA inspections, too, inspections for compliance with RCRA.

- O. Did you have a job title in connection with these functions other than environmental engineer?
  - A. No.
- Q. At some point prior to March 1983 you ceased doing these functions, isn't that correct, and then began to carry on the functions of an OSC or RPM?

In March 1983, I got a new job in the 1 Α. Superfund program as a remedial project manager. 2 How did it come about that you got the 3 O. new job in the Superfund program? 4 5 I went through the normal procedures. Α. The position was announced, I filled out the 6 7 applications, the necessary applications for the position, and submitted them. The supervisors 8 9 for the positions that were open conducted an 10 interview and I was hired. When was the position announced? 11 0. 12 I don't know. It would have been Α. before March 1983. 13 14 How much before? 0. 15 Α. I don't know. 16 Can you make a reasonable estimate of 0. the time prior to March 1983 the position was 17 18 announced? 19 Probably in January. Α. Of 1983? 20 0. 21 Α. Yes. 22 So, it is your estimate that it was Q. 23 roughly a two-month hiatus between the time that 24 the position was announced and the time that you

1	filled it?
2	A. I think that is reasonable.
3	O. And how was the position announced?
4	A. The standard way positions are
5	announced in EPA. There is an announcement,
6	with an announcement number. It includes
7	information on the office where the position is
В	open, and a description of the position.
, <b>9</b>	A description of the basic minimum
10	qualifications to qualify for the position. And
11	a description of the ranking patterns that will
12	be used to evaluate the applicants.
13	O. This was posted?
14	A. Yes.
15	O. That's how you saw the announcement,
16	that it was posted?
17	A. Yes.
18	Ω. And you chose to respond to that, is
19	that correct?
20	A. That's correct.
21	Q. And there was an application process
22	that the Agency followed?
23	A. That's correct.

Q. And you followed that application

Chicago

1	process?	
2	Α.	Yes.
3	Q.	What did that process consist of?
4	Α.	I just told you what it consists of.
5	Q.	You may not have done so. Let me
6	rephrase	the question.
7		Were there any interviews that were
8	conducted	1?
9	A.	I just told you there was an interview
10	conducted	d.
11	Ú•	There was one that you attended?
12	Α.	I was interviewed for the position,
13	yes.	
14	Q•	Who interviewed you?
15	Α.	Russell Deifenbach.
16	Q.	What was his position?
17	Α.	Unit chief.
18	Q.	Unit chief of what?
19	Α.	He was chief of one of the two units in
20	the Super	fund immediate response program at that
21	time.	•
22	0.	Was he the only individual who
23	interview	ved you?
24	Α.	No. I was also interviewed by Craig

VanDerlaan. 1 What was his position? 2 He was unit chief of the other unit in 3 the remedial response section. 4 Were you interviewed by anyone else? 5 0. 6 Not for that position, no. 7 Did you have to provide any information 0. other than information that you may have 8 submitted by way of a job application to the 9 10 Agency? 11 λ. No. 12 Everything that is required was outlined in the job announcement. It includes, 13 14 let's see, the 171 form, the most recent --15 What is the 171 form? 0. 16 It is job application material, including your name, work history, education 17 18 information, references. And then it also requires submission of the most recent 19 20 performance appraisal. 21 0. Did you submit that appraisal or was it 22 submitted by someone else at your request?

23

24

I think I told you I submitted

everything required under the job announcement.

1	O. It wasn't clear to me whether you
2	caused it to be submitted or whether you
3	personally submitted it.
4	A. I submitted it personally.
5	O. Do you recall when your interviews with
6	Messrs. Deifenbach and Mr. VanDerlaan took
7	place?
8	A. Well, I was hired in March 1983. So I
9	presume it was in March 1983, or maybe February
10	1983.
11	Q. When were you informed that you were
12	accepted into the position of regional or
13	remedial project manager?
14	A. March 1983.
15	O. Was there any training that you were
16	required to go through before assuming those
17	responsibilities?
18	A. No. We were required to take training
19	after we became RPM's.
20	Q. Were there any materials you were
21	required to review before becoming an RPM?
22	A. No.
23	We got on-the-job training and also
24	other required training following starting to

1 work in that position. 2 Were there any tasks you were required 0. 3 to undertake other than ministerial tasks 4 relating to the transfer to a new position 5 within a government agency prior to becoming an 6 RPM? 7 Do you understand my question? 8 I don't know what you mean. Α. 9 0. All right. 10 When people transfer jobs, there is a 11 certain amount of paperwork and red tape that 12 has to be cleared normally in most large 13 organizations. 14 Do you agree with that, do you 15 understand my point? 16 Α. Yes. 17 Other than that stuff, were there any 0. 18 tasks that you were required to complete prior 19 to assuming responsibility as an RPM? 20 I don't know what you are talking Α. 21 about. 22 Q. Were you required to review any agency

guidance or any regulations issued or followed

by the Agency regarding the Superfund program

23

1	prior to	becoming an RPM?
2	Α.	No.
3		The requirements were to complete the
4	171 form	and to submit a performance evaluation.
5	1	Based on that, they decided I was
6	qualified	and one of the desirable applicants
7	for the j	ob.
8	0.	And they informed you of that fact,
9	right?	•
10	Α.	Yes. I was informed that I was hired,
11	right.	
12	Q. (	Okay.
13	,	How long after you received that
14	informatio	on did you begin to work as an RPM?
15	Α	The information that I was hired you
16	mean?	·
17	0.	Yes.
18	A. :	I think it was a couple weeks.
19	0.	What did you do during that two-week
20	interim?	
21	` A. I	Back in 1983 you mean?
22	Q	Yes.
23	A. :	I don't remember.
24	o. 1	Prior to becoming an RPM, did you

review any Agency guidance or regulations 1 2 regarding the Superfund program? I don't remember. 3 Α. Prior to becoming an RPM, did you 4 0. review any materials of any nature whatsoever 5 6 regarding the Superfund program? Well, I reviewed the job announcement. 7 Α. 8 I know that. 9 O. The job announcement was a one-page document; is that correct? 10 11 Α. I think it is usually two pages. 12 Two-page document. 0. 13 Did you review any other document regarding the Superfund program before becoming 14 15 an RPM? 16 Well, I already had a lot of safety Α. training, so if you are talking about -- I don't 17 18 know what you are referring to. But, I had a lot of training in 19 conducting hazardous waste inspections and 20 conducting RCRA inspections, and other types of 21 22 Agency inspections. But, I really don't know 23 what you are referring to. 24 You testified that you would undergo 0.

1	on-the-job training as an RPM; is that right?
2	A. That's right.
3	But, you get other types of training
4	outside the Agency or from Agency training
5	systems.
6	O. When did you learn that you would be
7	undergoing on-the-job training?
8	A. I think that is kind of assumed, isn't
9	it?
10	Q. You assumed it?
11	A. I think that is generally assumed that
12	if you go to a new job, you are going to get
13	some type of on-the-job training.
14	O. That is really not my question.
15	Did you form an assumption about the
16	nature of training that you would receive, if
17	any, at the time that you took the RPM position
18	in March of 1983?
19	A. I don't know what you are talking
20	about.
21	MR. TENENBAUM: I don't see how his
22	assumption about what kind of training, getting
23	some on-the-job training, as well as some other
24	training, is a relevant issue in this case.

1	BY MR. FINCH:
2	Q. Did you ever receive on-the-job
3	training?
4	A. Yes.
5	Q. When?
6	A. I think we are always getting
7	on-the-job training. As we work, we learn, and
8	we ask other people what they have done.
9	O. Is that the only source of on-the-job
10	training that you received as an RPM?
11	MR. TENENBAUM: What do you mean by
12	on-the-job training?
13	MR. FINCH: It is not my term, counsel. It
14	is your witness' term.
15	Q. You have used the term on-the-job
16	training, Mr. Boice. What do you mean by that?
17	A. Well, when I first started, I was
18	assigned one person to act as sort of a mentor
19	to ask questions to.
20	Q. Sort of a mentor?
21	A. Yes.
22	And, of course, I asked him questions
23	and then I asked didn't just ask him
24	questions. I asked other people questions, too.

1	Q. Who was your mentor?
2	A. Jim Pankinan was my first mentor.
3	P-a-n-k-i-n-a-n, I think.
4	Q. Pankinan. What was his position?
5	A. He was a remedial project manager.
6	Q. Do you know whether as your sort of a
7	mentor Mr. Pankinan was responsible for training
8	you as to specific tasks or responsibilities
9	that you were to assume as an RPM?
10	A. No, it was more informal. As I had
11	problems, I was to discuss it with him and other
12	people.
13	O. Was Karen Waldvogel responsible for
14	providing you any on-the-job training?
15	λ. Yes.
16	Q. What on-the-job training was she
17	responsible for providing you?
18	A. Providing me information on the Midco I
19	and II sites.
20	O. Was she responsible for advising you as
21	to what you were supposed to do with this
22	information?
23	A. No. We were basically in the same
24	position, so she could always give me advice.

1	But, she had never, no special responsibility
2	for giving me advice.
3	Q. Were you ever supplied a copy of a job
4	description for a remedial project manager?
5	A. Yes.
6	Q. When did you receive that job
7	description?
8	A. I believe it was probably shortly after
9	I started working.
10	Q. Who gave it to you?
11	A. I presume my supervisor did.
12	Q. Why did you say you presume?
13	A. Because I don't remember.
14	Q. Would this be a formal Agency document?
15	A. Yes.
16	Q. Do you recall reviewing the document?
17	A. I don't remember reviewing it. No.
18	Q. Do you know whether the job description
19	for an RPM has changed since you first became an
20	RPM in 1983?
21	A. In 1983 they called it on-scene
22	coordinator.
23	Q. Okay.
24	Job description for an on-scene

1	from just on-site work towards something
2	broader; is that correct?
3	A. I wouldn't say broader.
4	Q. Something different?
5	A. Something different.
6	Q. How is it different?
7	A. I'm not a specialist in these position
8	descriptions. I'm not that familiar with them.
9	Q. So you don't know how it's changed?
10	A. I wouldn't be able to testify.
11	I could go back and look it up, if you
12	are interested.
13	O. Mr. Boice, do vou have a perception as
14	to whether your job duties and responsibilities
15	have changed since you first became an on-scene
16	coordinator in 1983?
17	A. Yes. They have changed somewhat.
18	O. And how have they changed?
19	A. I just told you.
20	Q. You just said you couldn't testify as
21	to the change because you are not a specialist
22	in job descriptions.
23	So I want to know how has your

perception of the change in your job

24

1 responsibilities changed since you first became an on-scene coordinator? 2 3 Well, I think I already told you that Α. 4 now the remedial project manager, the type of 5 work we do in the remedial project, there is not 6 as much direct on-site work. 7 It is more managing studies and reviewing studies. Working WPRP's and 8 9 consultants, and even reviewing cost documents 10 and like what we are doing today, depositions. 11 0. What do you mean by managing studies? 12 If the Agency does a study, then we --13 well, I could talk about that for an hour, if 14 you want to. 15 The general responsibilities of a 16 remedial project manager is contained in the 17 National Contingency Plan. 18 0. That's what you mean by managing 19 studies? 20 Α. Yes. Was there a National Contingency Plan 21 0. in March of 1983? 22 23 A. I don't remember. 24 Is it your testimony that on-scene 0.

coordinators were not responsible for managing 1 2 studies in March of 1983? 3 Α. I didn't say that. 4 0. Is it your testimony that the degree of 5 responsibility held by an on-scene coordinator 6 for managing studies has increased since 1983? 7 Α. I didn't say that. Has there been any change in the degree 8 9 or nature of your responsibilities in managing 1.0 studies since you became and on-scene 11 coordinator in 1983? 12 I would say it has about the same. Α. So there has been no change then? 13 0. 14 Basically no change in what I have been Α. 15 doing, but the position description, the Agency 16 has realized that it is a different type of position than they first foresaw in 1983. 17 18 The Agency has realized it is a 0. 19 different sort of position? 20 Α. Correct. 21 Q. And is it your testimony that the 22 Agency -- that there is more involvement now in 23 managing studies and in reviewing studies and working with PRP's and going over cost documents 24

and appearing and depositions and the like, do I 1 2 understand that correctly? I don't understand what you are asking. 3 We will go over it again. ο. 5 Have there been changes in the nature 6 of the responsibility of employees holding the 7 position of on-scene coordinator or remedial 8 project manager since you first became an on-scene coordinator in 1983? 9 10 Isn't that what we have been going over Α. for the last half hour? 11 12 Q. I had thought that that was exactly what we had been going over. 13 14 Yes. You keep changing the response. 1.5 I certainly don't intend to do that. 0. 15 How has your responsibility regarding managing studies changed since 1983? 17 18 MR. TENENBAUM: Asked and answered. 19 Α. Basically the same. 20 BY MR. FINCH: 21 So you are saying there hasn't been a 0. 22 change? 23 Α. MO.. 24 I said -- before you were asking about

the change in the position description. you about the change in the position description.

You are asking me about the actual work done is basically the same.

- So you assume positions, your 0. responsibilities have not changed, is that your testimony?
- In general -- although in 1984 I was an Α. OSC at a removal site at Calumet Container that took a couple months. So during that period of time I actually was an OSC.

The rest of the time I was basically doing the same type of work that an RPM does at this time.

- So other than that one instance, your 0. duties and responsibilities have remained essentially the same, the job description has changed; is that your testimony?
- It is my testimony that that is my Α. perception.

I don't know, I would have to go back to the job description, research it, if you want really an authoritative, final answer on that.

1	Q. Do you recall ever being instructed to
2	review the National Contingency Plan as a
3	requirement of vour work as an RPM?
4	A. I think I just told you that I don't
5	know whether there was a National Contingency
6	Plan in 1983.
7	Q. How did you know what rules and
8	regulations would apply to your work as an RPM
9	in 1983?
10	A. Well, there was a law. First of all,
11	maybe there was a National Contingency Plan in
12	1983.
13	I just don't remember.
14	Q. If there was one, you didn't read it?
15	A. If there was one, I read it. And also
16	there was the law.
17	Q. Statute?
18	A. Yes. The statute. And various
19	guidance documents.
20	Q. Do you know that you were required to
21	read the law, the statute, and the guidance
22	documents as part of your responsibilities as an
23	RPM?
2.4	h Wall T bhimb ib washib specifically

stated in my position description, but I have to 1 2 sit down and read the statutes and the National Contingency Plan and the quidance documents. 3 4 But, those were provided to me and I had to study them to do an adequate job. 5 6 0. How do you know that? 7 If I didn't do an adequate job, I would Α. 8 get a poor performance rating in my evaluation, 9 my yearly performance evaluation. 1.0 So the only reason you had to study Q. these documents is because you thought if you 11 12 didn't, you wouldn't perform well? 13 It was understood that this was Α. 14 expected. How do you know it was understood? 1.5 Q. 16 MR. BLANTON: Would you tell the rest of us 17 what relevance any of this line of inquiry has to do with this lawsuit. 18 19 MR. FINCH: Are you raising an objection, 20 counsel? 21 MR. TENENBAUM: I will object to it if he 22 won't. 23 MR. BLANTON: All objections are reserved 24 except as to the form of the question. It is

pointless to assert objections.

I would just like to know why we are going off. We have spent a long time going into his background. I am curious as to whether it is going somewhere that has to do with the issues in the case.

MR. FINCH: I think the question goes to the heart of several issues in this case, including Mr. Boice's training, his background, his ability to understand some of the questions that were put before him on which he took action on behalf of USEPA, his ability to understand --

A. I didn't take action on behalf of EPA.

MR. TENENBAUM: Wait until there is a
question.

MR. FINCH: His ability to understand the positions taken by the defendants in this case, and their agents, and by some of the experts who worked on RIFS issues.

I am entitled to know the extent to which Mr. Boice was familiar with government policy documents that he has alluded to as having guided his action.

MR. BLANTON: Okay. Thank you.

1	MR. TENENBAUM: I would object to this whole
2	line of questioning at this point as not being
3	relevant and as being quite a bit excessive on
4	day four of this deposition to take someone's
5	time on this.
6	MR. FINCH: Counsel, this is hour one of our
7	questions, other than the brief series of
8	questions that Mr. Sheldon asked by stipulation.
9	MR. TENENBAUM: I don't know why you say it
10	was brief. We have a transcript here, but I
11	think it probably consumed I can look, but it
12	wasn't brief.
13	MR. FINCH: Counsel, I am just going to
14	continue we will give you I will give you a
15	standing relevancy objection, if you wish, to
16	any question I ask.
17	But, I am going to continue until you
18	cut me off.
19	Could you read the last question and
20	answer, Mr. Reporter.
21	(The record was read.)
22	O. How do you know it was understood?
23	A. Okay.
	Wall I think my supervisor gave me a

	1	copy of the law. He told me I should read it.
	2	And then there are various guidance documents
	3	distributed at various times and we are
	4	requested to read those documents.
_	5.	Q. When did you become the sole RPM for
3	6	the Midco sites?
	7	A. I had already answered that question.
	8	Q. Was it in March of 1985; is that right?
	9	A. February or March.
	10	O. Is it your testimony that the
	11	transition period lasted about a month or so?
_	12	A. Something like that.
	13	O. Who was your immediate supervisor when
	14	you became sole RPM for the Midco site?
	15	A. Russell Deifenbach.
	16	o. Is he still your immediate supervisor?
	17	A. No.
	18	O. Who is your immediate supervisor?
	19	A. Melinda Gould.
	20	Q. When did she become your immediate
	21	supervisor?
	22	A. Let's see, I think it was sometime in
	23	1988.
	24	O. Has she ever asked you to review any

1	Agency guidance documents or regulations?
2	A. Yes.
3	O. Has she ever endeavored to know the
4	extent to which you understood those documents
5	or regulations?
6	A. You mean has she ever given me a test,
7	a written test?
8	Q. Has she ever had any communication with
9	you for the purpose of determining the extent to
10	which you understood those documents?
11	A. I have never had a written examination
12	if that is what you mean.
13	Q. Have she ever had a discussion with you
14	about those documents?
15	A. Yes.
16	Q. Is there any procedure in place within
17	the Agency designed to so far as you know make
18	sure that RPM's understand Agency regulations
19	and guidance?
20	A. Yes.
21	O. What is that procedure?
22	A. There is an RPM training institute, I
23	don't know all the requirements. But, it
24	includes I think the first year they get a

couple weeks of training, and then -- at least I 1 2 think it is a whole month the first year. 3 there is a couple weeks every year after that. 4 But, in the first year there is -- I 5 think there is a whole month or at least two 6 weeks and in something called the RPM training 7 institute. Is the RPM training institute part of 8 0. USEPA? 9 10 Α. Yes. Does it have a physical location? 11 Q. 12 I don't think so, program. A. 13 Is it mandatory for RPM's? Ω. 14 It is mandatory for all new RPM's. Α. 15 When did it become mandatory for all 0. new RPM's? 16 I believe it was about a year ago. 17 Α. 18 When did the institute come into 0. 19 existence? I don't remember. 20 A. 21 Have you ever received any training 22 through the institute? 23 A. No. Have you ever received any formal 24 Q.

1 training at all on Agency guidance or 2 regulations affecting the Superfund program? 3 Α. Yes. 4 0. When? 5 Α. Okay. 6 I got -- had a one-day refresher course 7 last month on safety training. We had a one-day 8 broad forum on how to write R.O.D.'s, how to 9 apply the new National Contingency Plan on 10 preparation of records of decision. 11 Q. That was all in one day? 12 That was one day. Α. 13 n. When? 14 That was about a month ago. And if we Α. 15 go back, there was a seminar on solidification, 16 I think it was four days, that was in the fall 17 of 1989. 18 Seminar on solidification? 0. 19 Α. Yes. 20 Q. In the fall of '89? 21 Α. Yes. 22 Where did that seminar take place? Q. 23 Α. Rosemont. 24 Who conducted it? Q.

1	A. It was EPA conducted.
2	Q. Who attended it?
3	A. It was for FPA and industrial, whoever
4	wanted to attend.
5	Q. You testified you were present for
6	that?
7	A. I was present for that.
8	Q. Did you have any role to play in
9	putting that seminar on?
10	A. No.
11	In March of 1979, there was
12	MR. TENENBAUM: '79?
13	A. 1989. There was a Haz Mat conference
14	that I attended.
15	BY MR. FINCH:
16	Ω. Pardon me?
17	A. Haz Mat, hazardous materials
18	conference. It was called Haz Mat, in Rosemont.
19	Rosemont, Illinois.
20	That included it included vendor
21	displays, as well as various conferences or
22	discussions of the law. I took a one-day
23	seminar in environmental law.
24	And then there were discussions of

different types of investigations and new technologies, so forth.

Of course, in the interim, there were a few meetings, one-day meetings and things like that, on things like preparation of administrative records.

- O. When was that?
- A. What?
- O. When was there a meeting on preparation of administrative records?
- A. I don't remember, but I have attended one.

And then there were, I know there was a one-day seminar on the new NCP, that was a few years ago. And I have attended a couple one-week seminars on R.O.D. preparation in headquarters.

attended the hazardous materials conference sponsored by the hazardous materials, hazardous waste control -- what is it, Hazardous Material Control Research Institute in Washington, D. C., which included discussions of various technologies, and about the new law and how

Longoria & Goldstine

wastes have been handled on different sites. 1 Is there a formal procedure by which 2 3 RPM's can obtain interpretations of Agency 4 quidance or regulations if they believe that 5 they need such interpretations? 6 MR. TENENBAUM: Objection. 7 There is always contacts with Α. 8 headquarters that you can call regarding 9 interpretation of their regulations. 10 Besides people within the Region V, 11 which is our supervisors or someone else who 12 happens to have more detailed knowledge on 13 certain issues. 14 BY MR. FINCH: 15 Are there procedures or requirements in 0. 16 place under which you are required to obtain 17 such interpretation and are not permitted to 18 rely on your own reading of Agency guidance or regulations in any specific instance? 19 2.0 MR. TENENBAUM: Object. 21 I don't know what the specific instance 22 you are referring to. BY MR. FINCH: 23

Are there any circumstances in which

0.

24

you as an RPM are obligated to consult somebody 1 2 else before relying upon your reading of any Agency guidance or regulation? 3 4 MR. TENENBAUM: Objection. Calls for a 5 legal conclusion. 6 Without knowing what specific issue you 7 are presenting, I don't know what -- but almost 8 everything that goes out is reviewed by somebody besides me. 9 10 BY MR. FINCH: 11 Almost any document that you prepare O. 12 you are saying? 13 Α. Yes. 14 I can't think of a document that I 15 prepared other than transmitting information 16 that did not go out -- wasn't reviewed by 17 someone else. 18 You have testified in this deposition, Q. 19 Mr. Boice, about an instance in which you 20 believed that Environmental Resources Management 21 was acting in bad faith. 22 Do you recall that testimony? 23 Again, you are misinterpreting what I Α. 24 said.

1 The question was basically what 2 impression I got from their performance. 3 get an impression of bad faith. And I said yes, 4 it gave me that impression. 5 So you did not conclude that there was any conduct in bad faith? 6 That's correct. 7 Α. 8 Do you recall --0. 9 And it wasn't ERM. It just gave me Α. 10 that impression that there was some type of bad 11 faith. 12 It was not ERM? 0. 13 Or it is not necessarily ERM who was Α. 14 behind it, that performance. We don't know. 15 What performance are you alluding to? n. 16 Α. I have already discussed that in a 17 previous -- in my deposition before. In fact, I 18 think it was yesterday morning. 19 I don't recall you using the word Q. 20 performance. I want to know what you mean by performance? 21 22 I discussed that, I think I talked for 23 about five or ten minutes. It included a number 24 of different problems with ERM's performance,

1 that discussion. 2 You were alluding to changes that USEPA 3 requested in a remedial investigation, isn't 4 that correct? 5 MR. TENENBAUM: Objection. No, it is not just that. 6 It was a 7 number of other items and I have already 9 responded to that question. 9 BY MR. FINCH: 10 Do you recall attending a meeting with 0. 11 representatives of various defendants and 12 third-party defendants on May 22, 1987? I would have to look at my records. 13 14 can't say for sure whether I attended a meeting 15 on May 22, 1987 or not. 16 Would it refresh your recollection if I 0. were to suggest to you that during this meeting 17 there was a discussion of changes that USEPA 18 wished to require in the 19 April 1987 Midco I 19 20 remedial investigation report? 21 MR. TENENBAUM: Can we see the document? 22 I can't remember the date. Α. 23 there was a meeting on that. 24 MR. FINCH: Okay.

1	MR. TENENBAUM: Is there a document that you
2	have?
3	MR. FINCH: I have a document, but I don't
4	wish to show it to the witness.
5	Q. Do you know who John Bassett is?
6	A. Yes.
7	Q. Forgive me if you have already
9	identified him in this deposition. Who is he?
9	A. He is a - I believe he was a
10	hydrogeologist. He worked for
11	He worked at that time for Geosciences
12	Research Associates.
13	O. Do you know someone by the name of John
14	Imse? I think that is how it is pronounced.
15	I-m-s-e.
16	A. Yes. He works for Environmental
17	Resources Management.
18	Q. Henry Ballenkoff?
19	A. I don't remember that name.
20	Q. Kirk Stempson you have identified.
21	Do you recall a meeting at which Mr.
22	Stempson was present, Mr. Imse was present, and
23	Mr. Bassett was present in a late May 1987?
24	MR. TENENBAUM: Can I have a continuing

objection to these questions on discovery into 1 record-review issues, or do you want me to 2 3 object to each one? 5 MR. FINCH: You have that. 4 5 I am not asking this for purposes relating to the content of the record or the 6 7 manner in which the record has been used in this 8 lawsuit. 9 MR. TENENBAUM: Well --10 MR. FINCH: I am asking these questions in relation to the witness' assertion that he had 11 an impression of bad faith as a result of 12 13 certain conduct by unidentified individuals in 14 this lawsuit. I don't think I said conduct. 15 16 Performance. 17 0. Performance. It wasn't related to conduct. 18 Α. 19 It was related to performance; is that 0. 20 right? 21 Α. Correct. 22 Okay. 0. 23 I amend my statement. Because the 24 witness has made assertions of an impression of

1 bad faith in relation to the performance of certain individuals. 2 I take it that is not a 3 record-review issue. MR. TENENBAUM: I don't know. Is that an 5 issue, one of the issues in the case? 6 MR. FINCH: Are you willing to stipulate 7 that it is not an issue in the case for purposes 8 of any of the relief sought by the US? 9 MR. TENENRAUM: I don't recall that we have 10 an allegation in our complaint that there was 11 bad faith in the RIFS. I don't recall that 12 being in there. MR. FINCH: Can we go off the record for a 13 14 moment. (Discussion had off the record.) 15 16 Back on the record, please. I am just going to continue with this 17 line of questioning on the assumption that the 18 second amended complaint seeks relief which may 19 be related to certain assertions made by this 20 21 witness about impressions of bad faith that he has in this lawsuit. 22 23 MR. TENENBAUM: Were you able to find anywhere in the complaint where it said that? 24

MR. FINCH: I found a number of places or I 1 2 am aware of a number of places in the complaint 3 that may be read that way. I would invite the 4 government to stipulate that that reading is 5 incorrect. 6 MR. TENENBAUM: Which part of the complaint? MR. FINCH: All right. Off the record for 7 8 just a moment. 9 (Discussion had off the record.) 10 Back on the record. 11 What was the last question and answer, 12 Mr. Reporter. 13 (The record was read.) 14 Do you have any information, Mr. Boice, 0. 15 that suggests to you that Standard T Chemical 16 Company was involved in the performance that 17 gave you an impression of bad faith or any 18 performance that gave you an impression of bad faith? 19 20 Well, I know --Α. 21 MR. TENENBAUM: Object. 22 I know Standard T was one of the 23 defendants, the participants in the consent 24 decree for the remedial investigation

1 feasibility study. BY MR. FINCH: 2 How does the fact that Standard T was a 3 0. participant in the consent decree suggest to you 4 that it was involved in a performance giving you 5 6 the impression of bad faith? 7 MR. TENENBAUM: Same objection or objection. 8 Standard T was one of the defendants, Α. Ò the participants in the 1985 consent decree. 10 And apparently they hired or designated, I quess, I was told they designated 11 12 Midco trustees to oversee the completion of the 13 RIFS. 14 But, I really don't know that much 15 about your internal arrangement. 16 BY MR. FINCH: 17 Is it, therefore, equally your O. 18 impression that all participants, other than the 19 government in the 1985 partial consent decree, 20 were involved in the performance that gave you the impression of bad faith? 21 22 I quess you could say you were 23 Yes. I don't know exactly what you involved. 24 mean by involved.

1	?. What do you mean by involved?
2	A. Just what I said. You were a
3	participant in the 1985 consent decree.
4	Q. When did you first form this impression
5	of bad faith?
6	A. I have already told you.
7	O. No, you didn't.
8	When did you first form the impression
9	of bad faith?
10	A. Yesterday I give a full not a full
11	description, but a general description of the
12	problems we had with the performance of the
13	RIFS.
14	O. I am not asking you for a general
15	description of your problems with the RIFS. I
16	am asking you when you first formed the
17	impression of bad faith?
18	A. I think I have answered the question.
19	Q. You have not answered the question and
20	I am putting the question to you again.
21	When did you first form an impression
22	of bad faith?
23	MR. TENENBAUM: You can answer the question,
24	but I object.

Most likely this particular question 1 2 has been asked previously. You may answer subject to my objection. 3 4 Probably after review of the second 5 draft of the remedial investigation. 6 BY MR. FINCH: Your review of that second draft? 7 Q. USEPA's review. 8 9 Was it before or after -- let me 10 withdraw that. 11 Did you also review comments on that 12 second draft submitted to EPA by any contractor 13 or agent of EPA? 14 Α. Yes. 15 Who? 0. 16 There were comments by Roy F. Weston. 17 PRC Engineering. Keros Cartwright. I think on 18 the second draft, though, maybe not Keros 19 Cartwright, just PRC and Roy F. Weston. 20 0. Did their comments have any role to 21 play in the formation of your impression of bad 22 faith? 23 Α. Yes. 24 What role was that? Q.

1	A. You can review the comments that are in
2	the administrative record, the R.O.D.
3	administrative record.
4	O. Would the reporter repeat the question
5	to the witness, please.
6	(The record was read.)
7	Do you understand the question, Mr.
8	Bcice?
9	A. No.
10	Q. Are you declining to answer the
11	question because you don't understand it?
12	A. I think if you read the comments that
13	they produced that are in the administrative
14	record, it will be fairly obvious.
15	Q. If I read those comments, I may react
16	entirely differently than you reacted when you
17	read them. And I want to know how those
13	comments caused you to react as you did.
19	Do you recall the pending question?
20	A. I didn't say I reacted, did I?
21	I just formed an impression, that is
22	not saying it was a reaction. That is not the
23	same as a reaction.
24	MR. TENENBAUM: Maybe the witness is going

to have to look at the documents. 1 2 MR. FINCH: Is that what the witness is 3 saying? What is the witness saying? 4 0. Do you want to look at the documents? 5 Do you not recall how the documents or 6 what role the documents played in the formation 7 of the impression of bad faith to which you have 8 testified? 9 Well, I already told you that the 10 second draft included eliminating data that 11 Geosciences had previously validated and used in the remedial investigation. That was recorded 12 13 by Roy F. Weston. The document is in their 14 review. 1.5 Also they documented the change in risk 16 assessment assumptions from the draft by 17 Geosciences, from assuming on-site exposures, 18 certain on-site exposures, to not assuming those 19 type of exposures. 20 Q. Is it your testimony that comments by 21 Roy F. Weston and PRC --22 And also on the ground water, their 23 review of the ground water model also showed 24

significant substantial problems, in your

1	assumptions made in the model.
2	Ω. All right.
3	Is it your testimony that comments
4	given you by Roy F. Weston and PRC enabled you
5	to identify these items of change?
6	A. It aided me.
7	O. It aided you.
8	Do you recall the form that the
9	comments from Roy F. Weston and PRC took?
10	A. There were written comments, plus
11	discussions over the telephone.
12	Q. Are the written comments part of the
13	administrative record to your knowledge?
14	A. Yes.
15	O. How about any notes that you might have
16	taken from the discussions over the telephone,
17	are they part of the administrative record?
18	A. No.
۱9	Q. Was it your practice to take notes or
20	to prepare memoranda memorializing telephone
21	conversations with Agency contractors?
22	MR. TEMENBAUM: Are you referring to these
23	specific this specific telephone
24	conversation?

1 MR. FINCH: Not yet. 2 I am just laying a foundation as to 3 what his normal practice was. 4 MR. TENENBAUM: Well, I am going to have to 5 object to the extent that you are asking the 6 witness' practice with respect to any record 7 issues. 8 But, you can answer as to this 9 particular phone call. In general, I produced telephone memos 10 11 when I have time and it is important. 12 BY MR. FINCH: 13 0. When you have time and when it is 14 important, or when you have time or when it is 15 important? 16 Α. Both, and/or. 17 Q. And/or. 18 Were these telephone conversations 19 important? 20 Important in doing what? Α. You used the word important, I didn't. 21 O. 22 Were these telephone conversations 23 important? 24 Important, I was talking in Α. No.

general. Now you are talking specific. 1 2 mean important in doing what? 3 Let's back up. 0. 4 It is your testimony, correct me if I 5 am wrong, that it has been your practice as an 6 RPM to make notes or to prepare memoranda of telephone conversations when first you have time 7 8 or when the conversations are, to use your word, 9 important; am I --And/or. Sometimes I don't have time 10 Λ. 11 even if it is fairly significant. 12 0. Okay. You did use the words important 13 and fairly significant. Would you describe your telephone 14 15 conversations with representatives of PRC or Roy 16 F. Weston relating to the alleged changes made 17 by ERM in the second draft as being important or 18 fairly significant? 19 Important in doing what? Α. 20 MR. TENENBAUM: Objection, vague. 21 BY MR. FINCH: 22 Important for any of the purposes that Q. 23 you used the word important a moment ago? 24 I was talking in general. In that Λ. No.

1	specific situation, I thought it was important.
2	But, I don't know what you are
3	referring to, important in doing what?
4	O. Important enough to make a memo of or
5	to keep notes on.
6	A. I still don't understand what you
7	consider is important.
8	MR. TENENBAUM: Was it important enough
9	Do you take notes when it is important
10	enough to take notes?
11	MR. FINCH: That is circular.
12	Q. Why didn't you take notes of these
13	conversations.
14	MR. TENENBAUM: You haven't asked him if he
15	took notes of this conversation yet. You
16	haven't asked that yet.
17	BY MR. FINCH:
18	Ω. Did you take notes?
19	A. I don't remember.
20	Q. Are there any documents or records
21	available to you that would refresh your memory?
22	A. I could go back and look at my file.
23	O. Would these be files that you reviewed
24	in connection with the compilation of the

administrative record?

2

MR. TENENBAUM: Objection. I have to instruct the witness not to answer.

4

3

How is it relevant to anything other than -- that is a back way of asking about the

5

compilation of the record, it seems to me.

7

MR. FINCH: I don't care about the compilation of the record on this point.

8

MR. TENENBAUM: Why do you care if they are

10

the same documents. He said files.

11

MR. FINCH: I am just trying to find out how

12

this witness maintained his files, so I can know

13

whether there were some specific files that he

14

never consulted in connection with the

15

preparation of the administrative record and,

16

therefore, by definition, would not be subject

17

to your objection or be prey to your

18

instructions not to answer.

19 20

to my objections to answer your questions about

MR. TENENBAUM: I have allowed him subject

21

whether he made the notes and so on. You don't

22

need to ask whether or not that is outside of

23

24

the record.

1	BY MR. FINCH:
2	Ω. Do you know whether those notes are
3	still in existence?
4	A. I don't know whether they are.
5	Q. If any every came into existence, would
6	they still be in existence?
7	A. Yes.
8	Q. Do you recall when the telephone
9	conversations with representatives of Roy Weston
10	or PRC took place?
11	A. Which telephone conversations?
12	Q. In relation to the alleged changes made
13	by ERM in the second draft.
14	A You mean regarding comments on the
15	second draft of the remedial investigation?
16	Q. That's right.
17	A. It would have been sometime prior to
18	submittal of our formal comments to ERM.
19	Q. It would be sometime before the end of
20	May 1987?
- 21	A. Yes, probably in around there.
22	They were probably you know, I am
23	always talking to the contractors about various
24	issues. There were conversations after that,

1	too.
2	O. Do you recall who from Roy F. Weston
3	you spoke to regarding this matter?
4	A. Yes.
5	Q. Who was that?
6	A. I believe I talked to Kirk Stempson and
7	also to a girl who used to work there. I can't
8	think of her name.
9	Q. A girl?
10	A. Female. Yes.
11	Q. Who was the female?
12	A. I don't remember. I would have to look
13	at the file.
14	O. So it was Mr. Stempson and a female
15	from R. F. Weston.
16	Who from PRC?
17	A. I believe the PRC wasn't involved in
18	reviewing the second draft.
19	Q. It was just R. F. Weston?
20	A. Right. I think there was Mike
21	Stapleton. I met with him.
22	Q. Mike Stapleton?
23	A. Yes.
24	O. Also from R. F. Weston?

1	A. Yes.
2	O. Do you recall roughly how many
3	telephone conversations you had with
4	representatives of R. F. Weston on the alleged
5	changes made by ERM in the second draft of the
6	RI?
7	A. No.
8	Q. Can you make a reasonable estimate of
9	the number of conversations?
10	A. No.
11	O. Could it have been as many as
12	twenty-five?
13	A. I don't know.
14	O. Could it has been as many as fifty?
15	A. I don't know.
16	Q. Could it be as few as five?
17	A. I don't know.
18	O. Could it be as few as two?
19	A. I đon't know.
20	O. It could be anywhere from two to fifty
21	or more?
22	A. I said I don't know.
23	MR. TENENBAUM: He said he doesn't know.
24	MR. FINCH: He also just a moment ago said

yes.

Α.

Which is it, yes or I don't know?

specific number. I don't know how many there

Yes what? I never said yes to a

were.

O. Do you recall the period of time that these conversations took place over the telephone?

A. I think I already told you that I was probably corresponding with Weston throughout that period.

Q. I am only focusing now on the alleged changes made by ERM in the second draft of the remedial investigation report. I am not asking about other conversations you may have had with this contractor regarding Midco.

Now, focusing on that limited subject matter. Do you recall roughly how many telephone conversations you had with R. F. Weston representatives?

A. No.

Q. Your testimony would be the same as to the number it could have been; you have no idea whether it was two or whether it was fifty?

1	A. I wouldn't want to guess.
2	Q. Do you recall whether Mr. Stempson ever
3	told you that he thought that FRM was acting in
4	bad faith?
5	A. I think this whole acting in bad faith
6	is a word you have been using.
7	O. That's sort of a yes or no question.
8	Mr. Boice, that is a yes or no question.
9	MR. TENENBAUM: Let me object to the
10	question to the extent that it doesn't define
11	what bad faith is.
12	Go ahead.
13	A. What does bad faith mean?
14	BY MR. FINCH:
15	Q. Do you recall whether Mr. Stempson ever
16	told you that he thought that ERM's performance
17	or actions were in any sense not honest or
18	dishonest?
19	A. I don't remember.
20	Q. Do you recall whether Mr. Stempson ever
21	told you that he thought that ERM's actions were
22	deceptive, or words similar to deceptive?
23	A. I don't remember.
24	Q. Did he ever use the phrase bad faith

1	with you in these phone conversations, in
2	reference to ERM's performance or actions?
3	A. No.
4	Q. Was there anything that Mr. Stempson
5	said to you that led you to form an impression
6	that ERM's performance with respect to the
7	second draft of the RI was not honest?
8	A. Would you repeat that question?
9	O. Would THE reporter read it back,
10	please.
11	(The question was read.)
1 2	A. Any comments he provided?
13	Q. Yes.
1 4	A. Yes.
15	I think the comments from Weston, which
16	included his review, suggested that there wasn't
17	an honest attempt to meet the government's
18	requirements for an RIFS.
19	O. Do you recall whether he used the
20	phrase honest attempt?
21	A. No.
2 2	O. Do you recall whether anyone else
23	connected with R. F. Weston used the phrase
24	honest attempt?

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	ļ
15	
16	
17	
18	
19	
20	
21	
22	

24

A. No.

O. Do you recall whether anyone other than yourself has used the phrase honest attempt in this regard?

A. No.

Q. Do you recall whether this is the first time you have used the phrase honest attempt in this regard?

MR. TENENBAUM: What do you mean by used? You mean verbally spoke the words or in his mind?

MR. FINCH: An expression orally, in writing, use of language.

- A. I believe at this meeting I suggested that maybe there wasn't an honest attempt to meet the requirements --
  - Q. What did you mean by honest attempt?
  - A. -- by them.

They gave me the impression that they weren't trying to meet the Agency's requirements. That is, one of the requirements is to characterize the site. The impression I got is they were trying to confuse the information rather than organize it in a clear

formal manner.

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

Another was that there is a requirement to evaluate and determine what risks exist at the site. And the impression we got is that -the impression I got is that they were trying to minimize the risks rather than to identify the risks from the site.

- Why do you use the phrase honest 0. attempt?
- Well, basically it means they weren't Α. trying to meet our objectives. The objectives set in the requirements of the consent decree were spelled out in the consent decree and they weren't following it.

They weren't, didn't -- they gave the impression that they weren't trying to meet the goal of the remedial investigation feasibility study.

- Is it possible that they were trying to meet those goals, but you did not understand the reasons that they analyzed and assembled data the way they did; is that a possibility?
- Α. I think I understood the reasons why they assembled the data the way they did.

1 Q. And what were those reasons that you 2 think you understood? 3 They gave reasons in their responses. Α. 4 But, overall my impression was the same, that 5 they weren't trying to meet the goals of the 6 Agency, and the goals, the requirements of the 7 consent decree. You have testified several times, "r. 9 9 Boice, that this is an impression. I think you 10 have testified that you have not formed a 11 conclusion. Is it your testimony that this is just 12 a subjective feeling on your part of --13 No. I think it is more than a 14 15 subjective feeling. How is it more than a subjective 16 17 feeling? It is based, backed up by information, 18 by the actual events that occurred during the 19 20 preparation of the RIFS. 21 What information and what actual Q. 22 events? 23 A. I think I already went over them yesterday. There is always a lot more detail I 24

7 7

could go into.

- Q. I am asking you for that detail.
- A. If you want more detail, you can -- I went over the general problems with the site.

If you want more detail on any specific problems, I think I am willing to discuss that.

But, I don't think I can recite every detail that we discussed in that.

O. That is fair enough. Why don't you break this down.

As to the elimination of data in the second draft of the RI report, what led you to believe that there was not an honest attempt on the part of ERM to provide the information that was legally obligated?

- A. For one thing the -- okay. What do you mean by legally obligated?
- Q. Well, it has been your testimony that you thought there wasn't an honest attempt to do certain things FRM was supposed to do.

I am just trying to find a shorthand way to describe what ERM was obligated to do in the RI process. So I thought I would use the phrase legally obligated, since that is a

shorthand way of saying that is what ERM was supposed to do. That is what I mean by it.

You had expectations. You thought there was not an honest attempt to meet those expectations. Is that a more comfortable way for me to express it for you?

- A. Yes.
- Q. Okay.
- A. So what is the question?
- Q. The question, which I will withdraw and restate, is what as to the elimination of data in the second draft of the RI report led you to believe that there was not an honest attempt to meet your expectations?
  - A. I think I already answered that before.

But, as I stated before, in the first draft under the quality assurance project plan, which was incorporated as a portion of the consent decree, Geosciences was in charge of validating -- collecting the data and validating the data, determining which data was valid to do.

They did that with USEPA's oversight in an acceptable manner. And when ERM focused the

project, without consulting ERM or the Agency, 1 2 they removed a number, a significant amount of the data from consideration in the risk 3 4 assessment. 5 0. You referred to something, is that the 6 OAPP, you are referring to? 7 Ouality assurance project plan. Α. R Known as the OAPP? 0. 9 Right. Α. 10 In other words, they weren't following the agreements with the Agency to follow the 11 12 procedures of the quality assurance project 13 plan. 14 How do you know they weren't doing 0. 15 that? 16 Because they gave us a report of -- the 17 data that had been validated by Geosciences was 18 not used. 19 You just testified that ERM was 0. 20 supposed to gather these data with EPA 21 oversight? 22 No, I said Geosciences. Α. 23 Geosciences. 0.

Α.

24

They don't gather it. The analyses are

conducted, they validate the data. They put it in the report.

It is up to Geosciences to validate the data under USEPA's oversight.

- Q. Why was it up to Geosciences and not ERM?
- A. Because in the consent decree, it says that the respondents had to follow the -- it required that the participants complete the RIFS in accordance with an EPA approved quality assurance project plan.

That project plan was submitted by Geosciences on behalf of the respondents and it provided for data validation being conducted by Geosciences.

- Q. Was it your understanding that this plan barred anybody other than Geosciences to review the data collected by Geosciences, other than EPA?
- A. Well anyone can review it. But, as far as preparing the final EPA approved report, the data was to be reviewed or the validation was to be conducted by Geosciences.
  - Q. What do you mean by validation?

- A. After the data is generated by the laboratory, it goes through some internal quality assurance process. Then it goes through an independent group, where the data is reviewed against certain requirements to assure that the data is valid for use in the project. It also is to assign certain data qualifiers.
- O. If one were to call this a data qualification process, is this to be done entirely by Geosciences?
  - A. Yes, with oversight by USEPA.
- O. That is spelled out in a document in this case?
- A. In the USEPA approved quality assurance project plan.
- Q. So the QAPP said that Geosciences was to work with EPA on data qualification?
- A. Geosciences was to conduct the data validation, in accordance with certain Agency documents and procedures, and we were to provide oversight of those, that process.
- Q. Did the QAPP exclude ERM from any participation in the data qualification or validation process?

1	A. Well, it indicated that Geosciences was
2	going to conduct that data validation. It
3	didn't identify any other contractor to
4	participate in that process or to make a final
5	decision certainly on the data validation.
6	Q. I am not sure I heard your entire
7	response. Could the reporter please read it
8	back.
9	' (The record was read.)
10	Was the OAPP silent on the role that
11	other contractors would play on data validation
12	or qualification?
13	A. Absolutely not. It identified
14	Geosciences as conducting the data validation.
15	Q. So, it is your understanding of the
16	QAPP that by so identifying Geosciences, the
17	QAPP excluded participation by any other
18	contractor?
19	MR. TENENBAUM: Objection.
20	You can answer.
21	A. Well, the QAPP, quality assurance
22	project plan, was incorporated in the consent
23	decree itself as part of the consent decree.
24	Therefore, those procedures were a part

of the consent decree and part of the agreement that participants had with the Agency. That provided for Geosciences to conduct the data validation for the work to be done on the site. And that was with USEPA's oversight.

Geosciences conducted the validation.

EPA conducted the oversight. We concluded that

Geosciences had conducted a validation in a

proper manner. Then ERM took over and they just

changed it. They changed the validation.

Q. You are getting way ahead of me.

MR. TENENBAUM: We are trying to expedite this long series of questions.

MP. FINCH: The problem is that I am trying to lay a proper foundation and build something here. And I can't do it if the witness leapfrogs beyond the question that I am asking. Sometimes these things take time.

O. You have testified it is your understanding that the consent decree then mandates that Geosciences and no other contractor be involved in quality assurance, excuse me, data qualification or data validation?

1	MR. TENENBAUM: Objection.
2	A. I already answered the question
3	MR. FINCH: Well, I don't think you did.
4	Counsel, have you objected on an asked and
5	answered basis; is that one of the bases for
6	your objection?
7	MR. TENENBAUM: It wasn't what I had in
8	mind. I will have to think about whether it was
9	asked and answered.
10	Let's see. I don't know whether it was
11	or not. I have to go back and check.
12	MR. FINCH: All right. You don't know yet.
13	That's not a basis for your objection thus far.
14	So I think the witness can answer.
15	A. Can we reread my response?
16	Q. Can you reread the question, please?
17	A. No, my response.
18	Q. I don't want to hear your response. I
19	want to hear the question.
20	MR. TENENBAUM: Well, the witness feels that
21	he has answered it already. I don't think
22	MR. FINCH: The witness is not representing
23	him self.
24	MR. TENENBAUM: I am representing the

witness, and he expressed -- he has requested to 1 hear what his last answer was. 2 MR. FINCH: All right. The last answer 3 probably will be more understandable if we know 5 the question. MR. TENENBAUM: That is fine. 6 7 MR. FINCH: Fine. Why don't we have the last question and 8 9 the last answer. Let me save some time. I will withdraw 10 11 the question and I will concede that it was asked and it was answered. 12 Now, Mr. Boice, did you have any role 13 to play in the negotiation of the consent 14 15 decree? 16 Α. The 1985 consent decree? 17 Q. Yes. 18 A. No. 19 Do you know when the 1985 consent 0. decree was fully negotiated? 20 It was around June 1985. 21 Α. 22 I quess I did have a role now. I was 23 consulted on some things. 24 Q. Do you recall what you were consulted

on.

MR. TENENBAUM: By non-attorneys?

MR. FINCH: By non-attorneys.

- A. Well, Geosciences called me to ask what the quality assurance project plan requirements would be.
- Q. During the period that the consent decree was being negotiated?
  - A. Yes.
- Q. Someone from Geosciences called you and asked what the OAPP would be?
- A. Yes. And I helped finalize the statement of work, which was attached. They were attached as Exhibits B and C to the consent decree.
- O. You helped finalize statements attached as Exhibits B and C to the consent decree?
  - A. Yes.
- Q. What did those Exhibits relate to, did they relate to the QAPP?
- A. Those are the statement of work for the completion of the remedial investigation, feasibility studies at each site. I am fairly sure they mention the QAPP.

But, I am also fairly sure the consent 1 2 decree in the body of the decree itself said something regarding the quality assurance 3 project plan. 4 5 Did you have any role to play in the negotiation of that language in the body of the 6 7 decree relating to the QAPP? Negotiation? 8 Α. 9 MR. TENENBAUM: Objection. 10 BY MR. FINCH: 11 Other than communications with an 0. 12 attorney. Did you have a role to play? 13 Α. No. Was it your position that ERM had to 14 Q. 15 take the Geosciences data and incorporate it in 16 the RI without question? Well, we met with them and we 17 Α. 18 determined that. That was who? 19 0. 20 We met with Geosciences and ERM and our Α. own quality assurance people, and we determined 21 22 that Geosciences and ERM should meet, work out their differences, then with oversight from are 23 24 own quality assurance personnel.

Geosciences could review it and make a final 1 recommendation to EPA. 2 EPA would -- our quality assurance 3 people would review that, and if we went along 4 5 with it, then it was all right to do. 6 Do you know whether ERM had any 7 communication with Geosciences prior to this meeting regarding the data that ERM allegedly 9 thought to remove from the second draft of the 10 RI report? 11 I don't know, but it appeared that they 12 hadn't. 13 O. Had not had any such communication? That's how it appeared. Yes. 14 Α. 15 0. How did it so appear? 16 Just based on the discussions that took Α. 17 place. 18 Ω. You say it appeared. 19 Did it appear to you or did it appear 20 to somebody else? It appeared to me based on the 21 Α. discussions that took place, and the memos that 22 23 went back and forth between. 24 Was ERM supposed to be in contact with Ο.

1	Geosciences as Geosciences gathered and analyzed
2	these data?
3	A. What do you mean by gathered? You mean
4	in the data validation process?
5	O. That's correct.
6	A. No.
7	Q. Marshalled and analyzed these data?
8	A. No, ERM hadn't.
9	MR. TENENBAUM: What production at what
10	point in the process, before?
11	MR. FINCH: Before the meeting.
12	MR. TENENBAUM: At any time before the May
13	'87 meeting?
14	MR. FINCH: At any time before the meeting.
15	A. Was Geosciences supposed to do that,
16	was ERM supposed to do that under the consent
17	decree you mean or under the QAPP?
18	BY MR. FINCH:
19	Q. Under any governing document or
20	protocol.
21	A. No.
22	Q. Were they forbidden from doing such?
23	A. As I stated before, the consent decree
24	provided for implementation of the sampling and

2

chloride data and some of the other data that

1	Geosciences had validated was invalid
2	BY MR. FINCH:
3	Q. Is it your testimony you don't recall
4	why ERM thought the data was invalid?
5	A. I don't remember off the top of my
6	head.
7	Q. Would it refresh your recollection if I
8	were to suggest to you that one of the reasons
9	ERM thought that the data was invalid was
10	because it did not reflect site-related
11	activities?
12	A. I don't remember that, no.
13	Q. All right.
14	Can we go off the record for a moment.
15	(Discussion had off the record.)
16	Back on the record, please.
17	Mr. Boice, I hand to you what has been
18	previously marked as Deposition Exhibit 8, which
19	purports to be a memorandum from Roy Ball to
20	Richard Boice, the Midco Technical Committee,
21	and Mr. Robert Aten, A-t-e-n, of Geosciences
22	dated June 2, 1987.
23	I will ask you, Mr. Boice, whether you
24	recall ever seeing this document before?

MR. TENENBAUM: Well, the questions -- I don't really recall the exact questions that were asked last time with respect to this exhibit, but I don't recall that any of them pertained to the issue that you are raising of so-called good or bad faith.

As I stated before, I don't know that that really is a relevant issue in the case, necessarily. But, if you want to pursue that, subject to my objections, I will let him answer the question.

But, I am going to object to the extent you are seeking discovery on any record issues, or on any issue that turns out to be irrelevant.

MR. FINCH: At this point I am not seeking discovery on a record issue, if there is such a thing.

O. Mr. Boice, does Exhibit 8 refresh your recollection as to any of the reasons stated by ERM for disagreeing with the data results compiled by Geosciences in draft number 2 of the RI report?

A. No.

This really doesn't provide any

information on the reasons why they didn't think 1 2 the data was -- certain data that Geosciences 3 had validated were not valid. That wasn't my question. I didn't ask 0. you whether the exhibit provided such 5 6 information. I asked you whether it refreshes 7 vour recollection? 8 Α. No. 9 What was ERM's role in preparation of 0. 10 the RIFS? 11 MR. TENENBAUM: Same continuing objection. Well, I think the Midco Steering 12 13 Committee is aware of their role, as we are, they were the ones that hired them. 14 1.5 But, my understanding of their role is they were overall -- the contractor overall in 16 17 charge of completing the remedial investigation 18 feasibility study. 19 They were to pick up where Geosciences was cut off in completing the remedial 20 21 investigation, rather than completing the --Let's see, generally the data, except 22 23 for appendices in back which tabulated the data, Geosciences did those. They did Chapter 5, the 24

data organization, and 6 on the risk assessment 1 and 7 on the preliminary direction of the 2 3 feasibility study. What you mean pick up? 4 0. Dames & Moore did the bulk of the 5 6 feasibility study, but they were kind of overseeing it. And they did the indicator 7 chemical selection procedures and the ground 8 9 water modeling for the feasibility study and 10 also the ground water modeling for the remedial 11 investigation. They did all those things. 12  $\Omega$ . 13 You said they picked up where Geosciences left off. What do you mean by that? 14 I didn't say that they picked up where 15 Α. 16 Geosciences left off. 17 Would the reporter read back the first Q. hundred words or so of the last response. 18 (The record was read.) 19 20 What did you mean by pick up where Geosciences was cut off? 21 22 I meant that the apparently the Midco trustees had cut off Geosciences' work at 23 some -- at that point. 24

1	And they wanted ERM to complete the
2	remedial investigation, except for Geosciences
3	continued to provide the additional sampling and
4	laboratory analyses and correcting the data
5	tabulation and the appendix.
6	Q. Isn't it true that ERM had overall
7	oversight responsibilities for preparation of
8	the entire RIFS under the partial consent
9	decree?
10	MR. TENENBAUM: Objection.
11	A. Under the partial consent decree, you
12	mean they were designated in the partial consent
13	decree?
14	BY MR. FINCH:
15	Q. Did ERM have a specific role, a
16	specific title in connection with the
17	preparation of the RIFS?
18	A. I don't know what you are I don't
19	understand your question.
20	Q. Was ERM a project coordinator?
21	A. I don't know.
22	O. Do you know what a project coordinator
23	is?
24	A. I know what a project coordinator is,

1 yes. 2 0. What is a project coordinator? 3 Α. You asked the question. If you want to ask me to answer it, you need to define what you 4 5 mean by project coordinator. 6 Q. No, I don't. 7 I said do you know what a project 8 coordinator is. You said yes. 9 MR. TENENBAUM: He wants your version of 10 what a project coordinator is. Tell him, if you 11 have one. 12 This is not -- an academic question, Α. 13 what a project coordinator is. 14 BY MR. FINCH: 15 Give me an academic answer. 0. 16 MR. TENENBAUM: I will object to the 17 question, vague, ambiguous. 18 You can answer to the best of your 19 ability. 20 I assume there is a project. There is 21 something that needs to be done. And there's 22 coordination that needs to be done in completing 23 the project. So the coordinator would 24 coordinate the project.

BY MR. FINCH:

б

Q. Did you review the partial consent decree before you formed your impression that ERM's performance did not relfect an honest attempt to meet your expectations?

A. Yes.

- Q. Do you recall whether in that review of the partial consent decree you examined its provisions on a project coordinator?
  - A. I don't know.
- Q. Was ERM the project coordinator for purposes of preparation of the RIFS at the Midco site?

MR. TENENBAUM: Same objection.

A. I believe Geosciences was designated as project coordinator. That later ERM -- or when the second draft of the RI came in by ERM, we asked for information on ERM, so we could approve them or accept them, I guess, in that role as project coordinator.

BY MR. FINCH:

Q. But it is your recollection that at some point Geosciences was a project coordinator?

1	A. They were designated as a project
2	coordinator.
3	O. Who designated them?
4	A. The Midco trustees.
5	Q. Do you know what a project coordinator
6	was supposed to do?
7	A. I would have to look at the decree to
8	refresh my memory. But, I think I said that he
9	is overall in charge of completing the remedial
10	investigation feasibility study.
11	Q. The purpose of a QAPP is to assure the
12	quality of certain data, isn't that true?
13	A. To assure the quality of all
14	measurements conducted for completing the
15	remedial investigation.
16	Q. Wasn't it ERM's responsibility to make
17	sure that the data generated through the OAPP
18	was relevant to the RI and the subsequent FS?
19	MR. TENENBAUM: Same objection.
20	A. All validated data should be used in
21	the RIFS.
22	BY MR. FINCH:
23	Q. Even if it is not relevant to the RIFS?
24	A. I don't understand what you mean by

1	relevant.
2	Q. If it doesn't relate to on-site
3	activities, is it relevant to the RIFS?
4	MR. TENENBAUM: Object, vague.
5	A. The remedial investigation is to
6	evaluate all site risks or on-site risks,
7	whether it is from the Midco operations or not.
8	BY MR. FINCH:
9	Q. What if it is not an on-site risk?
10	A. I don't understand your question.
11	Q. Data that does not relfect an on-site
12	risk, is it relevant to the RI or the FS?
13	A. Yes. If it may have proceeded from the
14	site.
15	Q. So relevant data either reflects an
16	on-site risk or proceeds from the site; is that
17	correct?
18	MR. TENENBAUM: Same continuing objection.
19	A. Could you repeat that?
20	BY MR. FINCH:
21	Q. The reporter will read the question
22	back.
23	(The record was read.)
24	A. I don't know what you mean by relevant

data.

O. Isn't it possible for a QAPP to include data that upon reflection and investigation is not relevant to the purposes of the RIFS, isn't that possible?

MR. TENENBAUM: Same objection.

A. Under the consent decree, the consent decree included Exhibits B and C, which included a statement of work fork each site.

All the data collected under those exhibits, in accordance with those statements of work, were to be validated by Geosciences

Research Associates in accordance with the approved QAPP.

BY MR. FINCH:

- Q. Validated for purposes of quality assurance, isn't that correct?
  - A. Right.

And all validated data was to be used in the remedial investigation report, including the risk assessment.

Q. Even if the data were not relevant to purposes of the remedial investigation report?

MR. TENENBAUM: Objection.

1	A. All the date is relevant.
2	BY MR. FINCH:
3	Q. How do you know it was relevant?
4	MR. TENENBAUM: Same objection.
5	BY MR. FINCH:
6	Q. Let me withdraw that.
7	How did Geosciences know it was
8	relevant?
9	MR. TENENBAUM: Same objection. Objection
10	to the form.
11	A. As I stated before, before the project
12	started, the Midco Steering Committee agreed to
13	conduct the remedial investigation in accordance
14	with a statement of work prepared by USEPA.
15	That included comments from, it was prepared
16	largely by CH2M Hill, which was input from
17	experts from the employed by the Agency.
18	And that determined the extent of study
19	at the minimum, at least the initial phase of
20	study that needed to be done on the site.
21	The Midco Steering Committee agreed to
22	implement the remedial investigation in
23	accordance with that statement of work, and that
24	included preparing a quality assurance project

plan and implementing the work in accordance 1 with the approved -- the quality assurance 2 3 project plan as approved by USEPA. included conducting the -- Geosciences conducting the data validation. 5 6 BY MR. FINCH: 7 So, it is your position that the Midco 0. Steering Committee had agreed to include 8 Geosciences' QAPP approved data without any 10 inquiry as to whether that data was relevant 11 to --MR. TENENBAUM: Same objection. 12 13 BY MR. FINCH: 14 -- to the RI or FS? 0. 15 Well, the statements of work themselves Α. 16 determined the extent of sampling necessary that we felt was relevant to the RIFS. 17 18 Q. Who is "we"? The Agency and the Midco Steering 19 Committee agreed -- apparently agreed to that, 20 because they agreed to implement the study in 21 22 accordance with USEPA's statement of work. What do you mean "apparently agreed"? 23 0.

You signed the consent decree. The

Α.

1 defendants signed the consent decree with USEPA 2 and agreed to implement the remedial action, the 3 RIFS in accordance with the statements of work 4 prepared by USEPA. 5 0. So, it was your understanding at the time that you formed this impression of a lack 6 7 of an honest attempt to meet your expectations, that the Midco Steering Committee had agreed not 8 9 to challenge any of the data generated by 10 Geosciences for any reason? 11 MR. TENENBAUM: I will let him answer, but 12 let me note that this phrase, "your 13 expectations," is a phrase that originates with 14 you, not with the witness. 1.5 MR. FINCH: You can note that, Alan, but we 16 had a colloguy in the record in which the 17 witness embraced that phrase as a fair statement 18 of the point he was trying to get across in his 19 testimony. 20 MR. TENENBAUM: I think the witness' own words speak better than your rephrasing of them. 21 22 It was a shorthand way. MR. FINCH: 23 want me to go back and repeat.

MR. TENENBAUM: I just wanted to note for

1 the record that those were your words 2 originally. 3 MR. FINCH: They were words embraced and 4 endorsed by the witness and they are as much his 5 testimony as words that he originated. MR. TENENBAUM: Well --6 7 I think I was saying not my Α. expectations, the requirements of the consent 8 9 decree, and the requirements of USEPA guidance 10 documents. 11 BY MR. FINCH: 12 I don't think you want to say that, Mr. Q. 13 Because, if you do, your counsel is Boice. 14 going to object, you are giving a legal 15 conclusion. 16 So why don't we keep it within the 17 confines of your knowledge and your 18 expectations. 19 If you want to go and say that you are 20 dealing with the meaning of the consent decree, 21 then fine. I will be happy to do it that way. 22 Which do you prefer, Alan? 23 MR. TENENBAUM: I prefer to do whatever the 24 But, of course, I am not witness wants to do.

1 going to allow you --

I am going to object to any questions asking for legal conclusions.

Why don't we get the last question read back and you can answer it to the best of your ability.

(The question was read.)

You may answer, subject to the objection.

A. As I stated before, the consent decree which was entered into by the defendants stated that the remedial investigation feasibility study would be conducted in accordance with the statements of work prepared by USEPA, and incorporated into the consent decree as Exhibits B and C.

The consent decree also provided for conducting the sampling and the analyses in accordance with a quality assurance plan, quality assurance project plan, approved by USEPA.

BY MR. FINCH:

Q. Isn't it true that ERM thought that some of the data generated by Geosciences did

1	not relate to on-site activity or activity
2	emanating from on-site activities and,
3	therefore, wasn't relevant to the RIFS?
4	A. I don't remember that argument.
5	Q. Isn't it true that at the time ERM
6	engaged in the performance to which you have
7	alluded, and which left you with an impression
8	of bad faith, that ERM had overall oversight
9	responsibilities for conduct of the RIFS at the
10	Midco sites?
11	MR. TENENBAUM: Same standing objection.
12	BY MR. FINCH:
13	Q. Isn't that true?
14	A. Did the Midco Steering Committee
15	designate them at that time? I don't know.
16	MR. TENENBAUM: We have already gone through
17	this. He answered this before.
18	If you have the documents which have
19	the timing, you can mark them. He has already
20	answered that.
21	BY MR. FINCH:
22	O. Did ERM make any attempt to hide the
23	fact that they were objecting to certain data
24	generated by Geosciences in the second draft of

1	the RI report?
2	A. Well, they didn't highlight it.
3	Since it was important data, I would
4	have expected someone to highlight something,
5	some important change between the first draft
6	and the second change.
7	It wasn't requested
8	Q. What do you mean
9	A in the comments by USEPA.
10	Q. What do you mean by highlight?
11	A. Emphasis or bring, summarize in some
12	statement to the Agency, we are doing this and
13	this is why we are doing it.
14	Q. They didn't tell you what they were
15	doing or why they were doing it?
16	A. No.
17	MR. TENENBAUM: At what time? At the time
18	of the submission of the second draft?
19	BY MR. FINCH:
20	Q. At the time of the submission of the
21	second draft?
22	A. No
23	Q. There was nothing in reviewing the
24	second draft that made clear that the data was

1	omitted?
2	A. If you read it closely, you could
3	figure it out. Yes.
4	Q. You testified the omission was noted by
5	R. F. Weston?
6	A. Yes. It was noted by Weston and I
7	noticed it too, of course.
8	Q. Did you notice it upon first reading
9	the draft?
10	A. I don't remember.
11	Q. Is it your testimony that the failure
12	to highlight this omission was a performance
13	leaving an impression of bad faith?
14	MR. TENENBAUM: Same objection to that
15	question.
16	A. As I think I already indicated, it had
17	an effect on my impression.
18	BY MR. FINCH:
19	Q. Were you in contact with ERM during the
20	period of time that the second draft of the RI
21	was being prepared?
22	A. No. We weren't notified that there
23	would be any change in the contract.
24	O. Pardon me?

1	A. We weren't notified that there would be
2	any change in contractors.
3	Q. Contract with whom?
4	A. That the Midco trustees would change
5	contractors from Geosciences to ERM.
6	Q. When did you first learn that ERM
7	supposedly replaced Geosciences?
8	A. I believe it was when we received the
9	second draft of the remedial investigation.
10	Q. Is it your position that the Midco
11	trustees had no right to change contractors?
12	MR. TENENBAUM: Objection. Calls for a
13	legal conclusion.
14	If you know the answer, you can answer.
15	A. Well, we didn't prevent you from doing
16	it.
17	BY MR. FINCH:
18	Q. Who is "we"?
19	A. I should say the USEPA did not prevent
20	you from doing that.
21	Q. Why didn't you prevent the Midco
22	Steering Committee from doing it?
23	MR. TENENBAUM: Same objection.
24	A. I don't know.

1	BY MR. FINCH:
2	Q. I want to be clear I understand you,
3	Mr. Boice.
4	You are saying the first time you
5	learned that ERM had replaced Geosciences is
6	when you received the second draft of the RI
7	report?
8	MR. TENENBAUM: Without reviewing any
9	documents in order to refresh his recollection?
10	MR. FINCH: Yes.
11	A. I think I might have gotten a call
12	before then.
13	Q. Shortly before then?
14	A. From Art Schlessinger.
15	Q. Art Schlessinger.
16	Who is Art Schlessinger for the record?
17	A. He was a member of the Midco trustees.
18	He worked for Morton Thiokol.
19	Q. Which is a party in this case?
20	A. They are a PRP, yes.
21	Q. Had you ever met Roy Ball prior to the
22	time that you learned that ERM was supposedly
23	replacing Geosciences?
24	A. No.

1	Ω. When was the first time you met Roy
2	Ball?
3	A. In our first meeting on the second
4	draft of the Midco I remedial investigation.
5	Q. That was the meeting in late May 1987?
6	A. Probably.
7	Q. You have also testified that you formed
8	an impression of bad faith from changes in the
9	risk assessment data in the second draft of the
10	RI report.
11	A. You mean risk assessment assumptions?
12	Q. Assumptions.
13	MR. TENENBAUM: Off the record for a second.
14	(Discussion had off the record.)
15	MR. FINCH: To memorialize an off-the-record
16	conversation, I have told counsel for the United
17	States that we have a substantial amount of
18	questioning left in our portion of this
19	deposition.
20	I am very reluctant to estimate the
21	exact amount of time, but it would be imprudent
22 .	of me to suggest any period of time less than
23	two days, and it may exceed that.
24	We are willing to continue this

deposition without setting a date for further questioning, with the understanding that we will be permitted to complete our questioning prior to the discovery cut off.

If that is acceptable to counsel, it is acceptable to us.

MR. TENENBAUM: Well, as I indicated off the record, I am going to be giving you a call Monday to discuss your needs for continued deposition and our needs for scheduling depositions, resolving stipulations and so on, and we will try and meet everybody's needs on Monday.

I am certainly not going to prevent the reopening of a deposition. I certainly reserve whatever rights we have, if this deposition goes into days five, six, seven and eight. But, I am certainly not saying we won't start up a deposition on whatever date we agree upon on Monday.

MR. FINCH: I will take that as a good faith statement. I am a little concerned about the phrase reopening of the deposition.

This deposition is not closing, and it

1	is still open.
2	MR. TENENBAUM: I didn't mean to suggest it
3	was · closing.
4	MR. FINCH: All right. I will interpret
5	your comment, Alan, as suggesting you will not
6	try to impede our efforts to complete the
7	questioning we have begun and questioning on
8	other relevant subject matter areas to which you
9	have no other objections.
L 0	MR. TENENBAUM: I am not waiving any of my
l 1	objections.
l 2	MR. FINCH: You don't have to waive them.
13	MR. TENENBAUM: Or my rights to instruct not
l 4	to answer, but we will meet again.
L <b>5</b>	MR. FINCH: All right. That is fine.
L <b>6</b>	
17	(Whereupon the deposition was
L <b>8</b>	continued sine die.)
9	,
20	·
21	
22	
23	
2 4	